

# TRANSCRIPT OF RECORD

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## Supreme Court of the United States

OCTOBER TERM, 1955

No. 162

EAST TEXAS MOTOR FREIGHT LINES, INC., ET AL.,  
APPELLANTS,

vs.

FROZEN FOOD EXPRESS, SECRETARY OF AGRICULTURE OF THE UNITED STATES, ET AL.

No. 163

INTERSTATE COMMERCE COMMISSION,  
APPELLANT,

vs.

FROZEN FOOD EXPRESS, ET AL.

No. 164

AKRON, CANTON AND YOUNGSTOWN RAILROAD  
COMPANY, ET AL., APPELLANTS,

vs.

FROZEN FOOD EXPRESS, ET AL.

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ON APPEALS FROM THE UNITED STATES DISTRICT COURT FOR THE  
SOUTHERN DISTRICT OF TEXAS.

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FILED JUNE 17, 1955

JURISDICTION NOTED OCTOBER 10, 1955

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**IN THE UNITED STATES DISTRICT COURT FOR THE  
SOUTHERN DISTRICT OF TEXAS**

**FROZEN FOOD EXPRESS, Plaintiff,**

**VS.**

**UNITED STATES OF AMERICA and INTERSTATE COMMERCE  
COMMISSION**

**ORIGINAL BILL OF COMPLAINT IN CIVIL ACTION No. 8396—  
Filed August 2, 1954**

**To the said Honorable Court:**

Frozen Food Express, a corporation, complainant, files this its Original Bill of Complaint against the United States of America and the Interstate Commerce Commission, and says that this action is prosecuted for the following purposes:

(1) To enjoin, annul and set aside that certain Report and Order of the Interstate Commerce Commission of July 13, 1954 ordering complainant to cease and desist from the performance of transportation of commodities as a common carrier by motor vehicle in interstate or foreign commerce, said transportation consisting of fresh and frozen meats, meat products and dressed poultry from, to and between points in the United States, which Report and Order is attached hereto and made a part hereof as Exhibit "A".

(2) To enjoin the Interstate Commerce Commission from interfering or from any manner interrupting the operation of the plaintiff transporting fresh and frozen meats, meat products and dressed poultry from, to and between all points within the 48 states and the District of Columbia, such items being agricultural commodities (not including manufactured products thereof).

Jurisdiction is invoked under 28 U. S. C. A. 1337, 1398 and 2321, et seq., 5 U. S. C. A. 1009, all as will more fully appear hereinafter.

## I

Frozen Food Express is a Texas Corporation duly organized and qualified to do business in the State of Texas and with a place of business in the State of Texas at Houston, Texas in the County of Harris in the Southern District of Texas.

[fol. 3] The Interstate Commerce Commission is a Federal administrative agency existing under the laws of the United States and by virtue of the Interstate Commerce Act as amended and has jurisdiction over the regulation of the transportation of property for hire moving via common carrier motor carrier in interstate or foreign commerce over public highways to the extent specified in the Interstate Commerce Act, Parts One and Two (49 U. S. C. A. 5, 301-325, inclusive).

## II

Frozen Food Express is the owner and holder of Certificate of Public Convenience and Necessity No. MC-108207 and issued by the Interstate Commerce Commission under the provisions of the Interstate Commerce Act, Parts One and Two, authorizing the transportation of certain commodities between points and places in the States of Arizona, Arkansas, California, Colorado, Illinois, Iowa, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, Tennessee, Texas and Wisconsin. (A copy of the Certificate is attached hereto and identified as Exhibit B and made a part hereof.)

## III

Frozen Food Express, in addition to the transportation of commodities as authorized by the Interstate Commerce Commission as a common carrier motor carrier, is transporting and has been transporting since the enactment of Part Two of the Interstate Commerce Act, Title 49, Paragraph 303(b)(6) certain commodities consisting of agricultural commodities (not including manufactured products thereof) between various points in the United States. That on such occasions when the vehicles of complainant are transporting agricultural commodities that such motor vehicles are not used in carrying any other property or pas-

sengers for compensation. That included in such transportation, complainant has transported fresh meat, frozen meat, fresh dressed poultry, frozen dressed poultry, it being the interpretation of the complainant that said commodities are within the intendment of the broad exemption of agricultural commodities (not including manufactured products [fol. 4] thereof) as specified in the Act. That such transportation has been performed by it for hire by motor vehicle over the highways of various states in the United States of America moving from Fayetteville, Arkansas to points and places in the State of Ohio, from Bentonville, Arkansas to Louisville, Kentucky, from Bentonville, Arkansas to points and places in California, and from Fort Worth, Texas to Toledo, Ohio.

Frozen Food Express has not sought any authority from the Interstate Commerce Commission to transport such commodities for hire for the reason that such commodities are exempted under the provisions of the Interstate Commerce Act, Part Two (supra).

#### IV

That notwithstanding the plain and unambiguous language of the Interstate Commerce Act, Title 49 Section 303(b)(6), in exempting agricultural commodities (not including manufactured products thereof) the Interstate Commerce Commission has issued its Order complained of herein (Exhibit "A"), ordering the complainant Frozen Food Express to cease and desist from all motor carrier operations in interstate or foreign commerce in the transportation of fresh and frozen meats and fresh and frozen dressed poultry, and as a result of such finding and Order of the Interstate Commerce Commission, complainant is deprived of its statutory right granted under the exemption of the Interstate Commerce Act, Part Two (supra) to transport agricultural commodities (not including manufactured products thereof) and that said finding and Order of the Commission is arbitrary, unreasonable, capricious and unjust to complainant and constitutes an abuse of the Interstate Commerce Commission's discretion and transgression of its statutory power and authority, and the said



finding and Order issued by the Interstate Commerce Commission is unlawful and void for the following reasons:

1. The Interstate Commerce Commission being a Federal administrative agency created by the laws of the United States has jurisdiction over the regulations of transportation only as authorized by the Congress of the United States and that the Congress of the United States has specifically exempted agricultural commodities including fresh and frozen meats and fresh and frozen dressed poultry from the jurisdiction of the Interstate Commerce Commission and, therefore the Interstate Commerce Commission has no legal [fol. 5] right, power and authority to exercise any jurisdiction or supervision over complainant while transporting agricultural commodities (not including manufactured products thereof) when such vehicles are not being used in transportation of other property for compensation.

2. The decision and Order of the Interstate Commerce Commission in ordering complainant to cease and desist from all motor carrier operations in interstate or foreign commerce of the character found in said Report (which includes fresh and frozen meats and fresh and frozen dressed poultry) until appropriate authority is obtained constitutes an unlawful usurpation of the power and authority of the Congress of the United States for the reason that such commodities constitute agricultural commodities (not including manufactured products thereof) and the Congress of the United States has specifically exempted such commodities from the Certificate provisions of the Interstate Commerce Act.

3. The decision and Order complained of herein is in effect an abrogation of the complainant's rights to transport certain agricultural commodities (not including manufactured products thereof) under the provisions of Section 303(b)(6).

4. The Order of the Interstate Commerce Commission and the findings of the Commission that fresh and frozen meats and fresh and frozen dressed poultry are not agricultural commodities (not including manufactured products thereof) are contrary to the lawful authority of the Interstate Commerce Commission.



5. That such findings and Order complained of constitute an unwarranted and unlawful invasion of the power and authority of the Congress of the United States in that such finding and Order repeal and modify and restrict a provision of law passed by the Congress of the United States and that the Interstate Commerce Commission is without such power and authority under the Interstate Commerce Act.

## V

Notwithstanding the express exemptions exempting agricultural commodities (not including manufactured products thereof) from the jurisdiction of the Interstate Commerce Commission, the Commission has ordered complainant to cease and desist its operation in interstate or foreign commerce in the transportation of fresh and frozen meats and fresh and frozen dressed poultry, and the Commission is [fol. 6] threatening to enjoin complainant's transportation of such exempted agricultural commodities (not including manufactured products thereof) and is threatening to file complaints against complainant, and unless this Honorable Court enjoins and restrains the Interstate Commerce Commission from enforcing its findings and Order complained of herein (Exhibit "A"), the complainant will be deprived of the right granted to it under the laws of the United States and that complainant should have such relief to which it is entitled in law and in equity.

The complainant has exhausted its administrative remedies and is, therefore, making this appeal to review and permanently enjoin and set aside the final Order of the Interstate Commerce Commission.

Wherefore complainant prays that respondent be cited to appear and answer herein and that upon final hearing hereof the Order and findings (Exhibit "A") be annulled, enjoined, cancelled and set aside and that the Interstate Commerce Commission and the United States of America be permanently enjoined and restrained from enforcing said findings and Order, and that the respondent be permanently and perpetually enjoined and restrained from interfering with the complainant's transportation of fresh and frozen meats and fresh and frozen dressed poultry in interstate and foreign commerce (when complainant is not using its

motor vehicles in carrying any other property for compensation), and that complainant have all other and further relief, at law or in equity to which it may be entitled, and for its costs.

Phinney and Halman, Carl L. Phinney, Leroy Hallman, 617 First National Bank Building, Dallas, Texas, by Carl L. Phinney, Attorneys for Complainant, Frozen Food Express.

[fol. 7] EXHIBIT "A" TO BILL OF COMPLAINT  
INTERSTATE COMMERCE COMMISSION

No. MC-C-1605

EAST TEXAS MOTOR FREIGHT LINES, INC., et al.

v.

FROZEN FOOD EXPRESS

Submitted April 2, 1954 Decided July 13, 1954

Defendant's unauthorized operations in the transportation of fresh and frozen meats and fresh and frozen dressed poultry found not to be within the exemption provided in section 203(b)(6) of the Interstate Commerce Act and to be unlawful. Defendant ordered to cease and desist from performing the service found to be unlawful.

Rollo E. Kidwell, David G. Macdonald, Francis W. McInerney, and Lee Reeder for complainants.

Clarence D. Todd, Dale C. Dillon, and Charles F. Riddle for intervener in support of complainants.

Carl L. Phinney and Leroy Hallman for defendant.

Report of the Commission

By the Commission:

No oral hearing has been held in this proceeding, and it has been submitted on a stipulated statement of facts. In view of the lack of any dispute as to the facts, the clarity of the issues, and the desirability of an early decision, no report of an examiner is deemed necessary.

By complaint filed December 23, 1953, East Texas Motor Freight Lines, a corporation of Dallas, Tex., Gillette Motor Transport, Inc., of Dallas, and Jones Truck Lines, Inc., of Springdale, Ark., hereinafter called East Texas, Gillette, and Jones, respectively, all motor common carriers, alleged that the defendant, Frozen Food Express, of Dallas, a corporation, is, and has been, engaged in the transportation of fresh and frozen meats, meat products, and dressed poultry [fol. 8] try from, to, and between points not authorized in any certificate held by it. Complainants seek an order requiring defendant to cease and desist from the alleged unauthorized and unlawful operations and such other and further relief as may be considered proper in the premises. By order entered March 4, 1954, the Irregular Route Motor Common Carrier Conference of American Trucking Associations, Inc., hereinafter referred to as the Conference, was permitted to intervene in support of complainants.

Complainants transport general commodities over regular routes in an area which includes Illinois, Missouri, Oklahoma, Tennessee, and Texas. Defendant is authorized to transport frozen foods, fresh foods, including fruits and vegetables, packing-house products, and dairy products, from, to or between specified points in Arkansas, California, Illinois, Louisiana, Kansas, Michigan, Missouri, Oklahoma, Tennessee, Texas, and Wisconsin. It admits that it has, and now is engaged in the transportation of fresh and frozen meats and fresh and frozen dressed poultry from and to points not authorized by its certificates. Following is a list of typical shipments transported by defendant beyond the scope of its certificates during September, October, and November, 1953:

[fol. 9]

| Commodity       | Weight<br>Pounds | Origin             | Destination      |
|-----------------|------------------|--------------------|------------------|
| Beef and mutton | 26,325           | San Antonio, Texas | Cincinnati, Ohio |
| Cut-up poultry  | 25,674           | Fayetteville, Ark. | Norwood, Ohio    |
| Dressed poultry | 25,276           | Bentonville, Ark.  | Dayton, Ohio     |
| Dressed poultry | 23,890           | Bentonville, Ark.  | Columbus, Ohio   |
| Fresh beef      | 23,061           | Fort Worth, Tex.   | Columbus, Ohio   |
| Frozen turkeys  | 23,900           | Bentonville, Ark.  | Turlock, Calif.  |
| Veal trimmings  | 29,967           | Fort Worth, Tex.   | Toledo, Ohio     |
|                 |                  |                    | Louisville, Ky.  |
|                 |                  |                    | Cincinnati, Ohio |

In each such instance no commodity other than that indicated was transported at the same time in the same vehicle.

Defendant, relying upon *Interstate Commerce Commission v. Kroblin*, 113 F. Supp. 599, which was affirmed on appeal, — F. 2d —, contends that the operations complained of come within the exemption provided by section 203(b)(6) of the Act, and may be performed without specific authority from this Commission. Section 203(b)(6), so far as here material, provides as follows:

Nothing in this part, except the provisions of section 204 relative to qualifications and maximum hours of service of employees and safety of operation or standards of equipment shall be construed to include \* \* \* (6) motor vehicles used in carrying property consisting of *ordinary livestock*, fish (including shell fish), or *agricultural (including horticultural) commodities (not including manufactured products thereof)*, if such motor vehicles are not used in carrying any other property, or passengers, for compensation \* \* \* (Italics supplied.)

We have involved here the transportation of two types of commodities, namely, (1) fresh or frozen dressed poultry and (2) fresh or frozen dressed meat or, more precisely, those packing-house products derived from the slaughter [fol. 10] of ordinary livestock. Although, as will be seen, we conclude that neither type of commodity is within the exemption provided by the statute, the reasoning in support of such conclusion differs as to the two classes of commodities. Obviously the exemption, if any, of vehicles used in the transportation of dressed poultry depends upon whether that commodity is an "agricultural commodity" or a "manufactured product thereof." In the case, however, of dressed livestock or those packing-house products derived from the slaughter of livestock, that issue is not in our opinion controlling.

As originally enacted in 1935, section 203(b)(6) exempted transportation performed in "motor vehicles used exclusively in carrying livestock, fish (including shellfish), or agricultural commodities (not including manufactured products thereof)." In 1938 the section was amended to read



"motor vehicles used in carrying property consisting of livestock, fish (including shellfish), or agricultural commodities (not including the manufactured products thereof) if such motor vehicles are not used in carrying any other property or passengers for compensation." In 1940 the word "livestock" in the exemption was modified to read "ordinary livestock," a term previously defined in section 20(11) of the Act as "all cattle, swine, sheep, goats, horses, and mules, except such as are chiefly valuable for breeding, racing, show purposes, or other special users."

Thus, from the beginning of motor carrier regulation by us an exemption has been provided in section 203(b)(6) of vehicles used in the carrying of "livestock" or "ordinary [fol. 11] livestock," and also in the same section an exemption of vehicles used in the carrying of "agricultural commodities." The latter exemption does not duplicate the former nor did it establish a second exemption of vehicles used in carrying ordinary livestock. On the other hand, it must be concluded that the exemption of vehicles used in carrying ordinary livestock ends upon the slaughter of the livestock when it loses its identity as livestock, and that there was no intent in the same section to provide a further or second exemption of vehicles carrying the packing-house products which result from the slaughter, on the theory that such commodities are "agricultural commodities." A Congressional intent, had there been one to exempt the transportation not only of ordinary livestock but also of the products of the slaughter thereof, would unquestionably have been so simple to state that the failure to do so negatives any such strained construction of the language actually used to accomplish that end. This conclusion conforms to that made by us in *Determination of Exempted Agricultural Commodities*, 52 M.C.C. 511, hereinafter referred to as the *Exemption case*.

The record herein, apparently for the purpose of demonstrating that fresh meat is in any event a "manufactured product" of an agricultural commodity, describes the slaughtering processes at some length. This evidence as it relates to the processing of livestock is beside the point if our conclusion is correct that the exemption of vehicles used in carrying "agricultural commodities" does not duplicate the exemption of vehicles used in carrying "or-

[fol. 12] dinary livestock." Nevertheless we shall review it briefly and later we shall refer to other evidence designed to show that fresh and frozen meats which are the products of the slaughter of ordinary livestock are, in any event, manufactured products.

Cattle are raised on farms and ranches and generally are shipped alive by the growers to stockyards operated by, or in conjunction with, meat packing companies. The slaughtering process begins only after the animals reach the stockyards and consists of (1) holding the cattle in pens, including resting, watering, and feeding, (2) killing, including knocking, shackling, hoisting, and bleeding, (3) skinning and cutting, (4) washing, (5) stamping, scaling, and grading, (6) hot clothing, and (7) chilling. In processing the animals for slaughter, various mechanical and other aids are employed, such as pens, runways, pulleys and chains, overhead conveyors, electric saws, mechanical slides, water heaters, ribbon branders, and chilling systems entailing the use of brine tanks, pumps, and related gear.

Chickens and other poultry intended to be used for food are raised on farms or by so-called "commercial broiler houses." Poultry is raised on farms principally for the production of eggs. Their sale for killing is largely incidental to that production. The commercial broiler houses, on the other hand, are primarily engaged in producing poultry for food purposes. From three to four lots are usually raised and marketed during the course of a year. In most instances, chickens, turkeys, and other poultry are shipped alive from the farm or commercial broiler house [fol. 13] to the processing plant. Only a small percentage of the total number raised are killed and processed by the grower. The principal exceptions are the Long Island, N. Y., duck industry and certain growers' cooperatives, which carry on all operations incidental to the marketing of dressed poultry including the growing, killing, and processing.

In the packing plants, the birds are first placed on an endless chain and then carried by the chain through the various stages of processing, which include killing, picking, pinning, singeing, cropping and venting, washing, chilling, eviscerating, packaging, and freezing. Picking is done

both by machinery and by hand, the mechanical picker consisting of revolving drums equipped with rubber fingers. In some plants the removal of feathers is accomplished by the use of hot wax. The usual method of chilling is to place the carcasses in metal baskets which are then submerged in tanks of ice water long enough to remove all body heat. In the eviscerating process, the body cavity is cut open and the viscera removed, with the liver, heart, and gizzard being cleaned and replaced in the carcass. The eviscerated poultry is then usually wrapped in waterproof paper and packed with ice in crates or barrels. Various methods of dry wrapping are also employed. The freezing of poultry must be accomplished as rapidly as possible and is generally done in a mechanically refrigerated room in which the temperature is maintained at minus 40 degrees Fahrenheit and the air is circulated at speeds up to 70 miles an hour. After the birds have been frozen by this quick-freeze method, they are placed in cold storage until ready for shipment.

The evidence also contains, in exhibit form, numerous booklets, manuals, pamphlets, and statistical studies published in 1929 and later by various Federal agencies, including the Executive Office of the President and U. S. Departments of Commerce and Labor, indicating that, for industrial classification purposes, the slaughter of livestock, meat packing, and the dressing of poultry are regarded as manufacturing activities. As examples, in a 1933 publication of the Bureau of the Census, U. S. Department of Commerce, entitled *Foreign Commerce and Navigation of the United States*, meats are classified as dutiable imports under the listing of "Manufactured Foodstuffs". Four manuals issued by the Bureau of the Budget, Executive Office of the President, in 1940, 1943, 1945, and 1946, variously entitled *Standard Industrial Classification*, *Standard Industrial Classification Manual*, or *Standard Commodity Classification*, all classify meat packing and poultry dressing as manufacturing industries, and the products thereof as manufactured foods. A 1950 publication of the U. S. Department of Commerce entitled *Schedule A Statistical Classification of Imports into the United States* lists fresh and frozen meats and dead, dressed, or undressed

poultry as "Meat Products". "Meat Products" is listed under the broader classification of "Agricultural Manufactured Foodstuffs and Beverages".

In the *Exemption* case, we reported the result of an investigation instituted on our own motion into and concerning the meaning of the term "agricultural commodities (not including manufactured products thereof)" as used in section 203(b)(6). We concluded that the term "agricultural commodities" embraces all products raised or produced on farms by tillage and cultivation of the soil (such as vegetables, fruits, and nuts); forest products; live poultry and bees; and commodities produced by ordinary livestock, live poultry, and bees, such as milk, wool, eggs, and honey; and [fol. 15] that the parenthetical expression "not including manufactured products thereof" has the effect of limiting agricultural commodities to those in their natural state and those which, as a result of treating or processing, have not acquired new forms, qualities, properties, or combinations. At pages 546 and 547, in discussing the identical questions here in issue, we said:

The words "agricultural commodities (not including manufactured products thereof)" do not include ordinary livestock as the latter are separately mentioned in section 203(b)(6). Section 20(11) of the act provides that "The term 'ordinary livestock' shall include all cattle, swine, sheep, goats, horses, and mules, except such as are chiefly valuable for breeding, racing, show purposes, or other special uses." It necessarily follows that the term as used in section 203(b)(6) has the same meaning. Livestock, such as race horses, show horses, and the like do not come under the classification of "ordinary livestock", and the transportation of animals of this type is subject to the certificate or permit requirements of the act. *Owsley Common Carrier Application*, 31 M.C.C. 778. Poultry, however, are included within the broader description "agricultural commodities." It is clear also that certain products of live animals, such as are embraced in the definition of ordinary livestock, are likewise included; and there is no dispute that wool, at least in the form



sheared from the sheep,<sup>1</sup> is an agricultural commodity. These products are in themselves basic agricultural commodities, separate and distinct from the livestock. But slaughtered animals are not embraced in the definition of ordinary livestock and we are impelled to conclude that the products thereof, such as fresh meats and meat products, do not fall within the description "agricultural commodities" as used in section 203(b)(6). It logically follows that neither killed poultry nor any products thereof come within the term under consideration. We conclude that poultry other than that alive is not an agricultural commodity within the meaning of section 203(b)(6). Further, we are of the opinion that birds of the air such as doves and pigeons are not agricultural commodities.

[fol. 16] The facts before us in this proceeding are more complete as they relate to this particular issue than were those before us in the *Exemption case*, but they contain nothing to warrant any different conclusions. On the contrary, they confirm the conclusions there reached.

On all the evidence now before us, we conclude (1) that the exemption of vehicles used in carrying "ordinary livestock" does not extend to fresh or frozen meats, the products of the slaughter of such livestock; (2) that the exemption of vehicles used in carrying "agricultural (including horticultural) commodities (not including the manufactured products thereof)" does not embrace vehicles used in carrying ordinary livestock in view of the specific exemption in the same section of vehicles used in carrying that commodity; and (3) that the exemption of vehicles used in carrying "agricultural (including horticultural) commodities (not including manufactured products thereof)" does not in any event extend to vehicles used in carrying either fresh or frozen meat or fresh or frozen dressed poultry.

Although on somewhat similar facts, at least with respect

<sup>1</sup> In a report on reconsideration in the *Exemption case*, 62 N.C.C. 87, 89, we found that cleaned or scoured raw wool and mohair and redried tobacco leaf are within the agricultural exemption.

to dressing and packing poultry, it was held in the *Kroblin case* that so-called New York-dressed poultry or eviscerated poultry were not "manufactured products" of agricultural [fol. 17] commodities within the intent and meaning of section 203(b)(6), we have not acquiesced in the Court's decision, and a review thereof has been sought. Until a final decision contrary to the findings in the *Exemption case* is reached by the Courts, we adhere to the conclusion that the transportation of fresh and frozen meats and fresh and frozen dressed poultry are subject to the certificate and permit requirements of the Act. In any event, and regardless of the final outcome of the *Kroblin case*, it seems clear that slaughtered livestock or the products of the slaughter of livestock are neither ordinary livestock nor agricultural commodities as those terms are commonly used and understood. It follows that vehicles used in the transportation of slaughtered livestock or the products of slaughtered livestock do not come within the purview of the exemption in section 203(b)(6).

The conclusion that fresh and frozen meats, the products of the slaughter of ordinary livestock are not "agricultural commodities" within the meaning of the statute finds definite support in *Southwestern Trading Co. v. United States*, 208 F. 2d 708, wherein the Court of Appeals for the Fifth Circuit affirmed on appeal in a criminal proceeding a finding that vehicles engaged in carrying "agricultural commodities". In so doing, the Court said:

In a proceeding before the Interstate Commerce Commission, reported in 52 Motor Carrier Cases 511, the history of the legislation was reviewed, and it was found that the primary purpose of the partial exemption provided in said Section 303(b)(6) was to aid the farmer in agricultural pursuits; that the words agricultural commodities should be construed in their plain, usual, and commonly accepted sense. The Commission proceeded to group agricultural commodities under three general headings: Those which are produced by [fol. 18] plants; those which are produced continually by living animals kept on the farm, such as milk, eggs, and wool; and live poultry. The only group into which cow hides could possibly come would be the products

of animals, but it is apparent that cow hides would not be included within this group, as said classification refers only to the commodities which living animals produce continually and with regularity. The hide is a part of the animal, separable only upon its death; it is a product of slaughter only. The Commission specifically found that slaughtered animals were not embraced in the definition of ordinary livestock, and that the products, did not fall within the description "agricultural commodities" as used in Section 303(b)(6). It stated that pelts, skins, or green and salted hides, are not agricultural commodities within the meaning of said section. The conclusion reached by the Commission is directly in point here.

Considering all of the evidence of record, we find that defendant's operations in the transportation of fresh and frozen meats and fresh and frozen dressed poultry, in interstate or foreign commerce, are not within the exemption provided in section 203(b)(6) of the act, and that to the extent to which such transportation is not authorized in its certificates, it is unlawful and should be discontinued.

An order will be entered requiring defendant to cease and desist from the performance of the transportation found unlawful herein.

[fol. 19]

#### ORDER

At a General Session of the Interstate Commerce Commission held at its office in Washington, D. C., on the 13th day of July, A. D. 1954

No. MC-C-1605

EAST TEXAS MOTOR FREIGHT LINES, INC., ET AL

v.

#### FROZEN FOOD EXPRESS

This proceeding being at issue upon complaint and answer on file, and full investigation of the matters and things involved having been made, and the Commission, on the date hereof, having made and filed a report herein containing its

findings of fact and conclusions thereon, which report is hereby made a part hereof:

*It is ordered*, That defendant, Frozen Food Express, be and it is hereby, notified and required within 45 days from the date of this order, to cease and desist from all motor carrier operations in interstate or foreign commerce of the character found in the said report to be unlawful and thereafter to abstain from a resumption of such operations unless and until appropriate authority is obtained.

By the Commission. George W. Laird, Secretary.  
(Seal).

[fol. 20] EXHIBIT "B" TO BILL OF COMPLAINT

CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

No. MC 108207 Sub 1 \*

Frozen Food Express, a Corporation,  
Dallas, Texas

At a Session of the Interstate Commerce Commission, Division 5, held at its office in Washington, D. C., on the 18th day of June, A. D. 1952

After due investigation, It appearing that the above-named carrier has complied with all applicable provisions of the Interstate Commerce Act, and the requirements, rules and regulations prescribed thereunder, and, therefore, is entitled to receive authority from this Commission to engage in transportation in interstate or foreign commerce as a motor carrier; and the Commission so finding;

It is ordered, That the said carrier be, and it is hereby, granted this Certificate of Public Convenience and Necessity as evidence of the authority of the holder to engage common carrier by motor vehicle; subject, however, to such terms, conditions, and limitations as are now, or may hereafter be, attached to the exercise of the privileges herein granted to the said carrier.

\* This certificate embraces the operations authorized in No. MC 108207 Sub 1, as modified by order dated April 21, 1952.



It is further ordered, That the transportation service to be performed by the said carrier in interstate or foreign commerce shall be as specified below:

**Irregular Routes:**

*Frozen foods, and meats, meat products, and meat byproducts* as defined by the Commission (except canned or packaged meats and canned or packaged meat products, other than canned hams, packaged hams, and packaged bacon), *dairy products* as defined by the Commission, *salad dressing, yeast, and uncooked bakery goods*,

Between points in Texas, Louisiana, Illinois, Michigan, Oklahoma, Missouri, and Arkansas.

Between Memphis, Tenn., on the one hand, and, on the other, points in Texas, Louisiana, Michigan, Oklahoma, Missouri and Arkansas.

Between points in Mississippi, on the one hand, and, on the other, points in Arkansas on U. S. Highway 61, and Little Rock, Ark.

*Frozen foods, and meats, meat products, and meat byproducts* as defined by the Commission (except canned or packaged meats and canned or packaged meat products, other than canned hams, packaged hams, and packaged bacon);

Between points in Mississippi, on the one hand, and, on the other, points in Texas, Louisiana, Illinois, Michigan, Oklahoma, and Arkansas (except points in Arkansas on U. S. Highway 61 and Little Rock, Ark.).

Between Memphis, Tenn., on the one hand, and, on the other, points in Illinois and Mississippi.

**Restriction:** The service authorized herein is restricted against the following described transportation:

*Commodities* specified in first paragraph above except frozen foods and fresh meats,

Between New Orleans, La., on the one hand, and, on the other, points in Illinois, points in Arkansas on U. S. Highway 61, Little Rock, Ark., and Memphis, Tenn.

Between Chicago, Ill., on the one hand, and, on the

other, points in Arkansas on U. S. Highway 61, and Little Rock, Ark.

Between Memphis, Tenn., on the one hand, and, on the other, points in Arkansas on U. S. Highway 61, and Little Rock, Ark.

[fol. 21] *Commodities* specified in first paragraph above except fresh meats,

Between St. Louis, Mo., on the one hand, and, on the other, New Orleans, La., Memphis, Tenn., Little Rock, Ark., and points in Arkansas on U. S. Highway 61.

*Fresh meats,*

From Memphis, Tenn., to points in Illinois.

*Fresh meats and frozen meat carcasses,*

Between Dallas and Fort Worth, Tex., on the one hand, and, on the other, points in Texas, Louisiana, Oklahoma, Arkansas, and Mississippi.

*Commodities*, specified in first paragraph above, except frozen food and carcass meat,

Between points in the Kansas City, Mo.-Kansas City, Kans., Commercial Zone as defined by the Commission, on the one hand, and, on the other, points in Oklahoma, Texas, and the Chicago, Ill., Commercial Zone as defined by the Commission.

*Fresh or frozen meats*, in packages, boxes, or barrels,

From points in the Kansas City, Mo.-Kansas City, Kans., Commercial Zone as defined by the Commission, to points in Louisiana.

*Oleomargarine, butter, shortening, yeast, salad dressing and cheese,*

Between points in Texas, on the one hand, and, on the other, points in Oklahoma, and Shreveport, La., Little Rock, Ark., and Memphis, Tenn.

*Commodities*, specified in first paragraph above, except frozen foods,

From points in the St. Louis, Mo.-East St. Louis, Ill., Commercial Zone as defined by the Commission, to points in the Chicago, Ill., Commercial Zone as defined by the Commission.

*Unfrozen fresh poultry,*

From Springdale and Benton, Ark., to points in the Chicago, Ill., Commercial Zone as defined by the Commission.

It is further ordered; and is made a condition of this certificate that the holder thereof shall render reasonably continuous and adequate service to the public in pursuance of the authority herein granted, and that failure so to do shall constitute sufficient grounds for suspension, change, or revocation of this certificate.

And it is further ordered, That this certificate shall supersede the certificate issued in this proceeding on July 28, 1950, which is hereby canceled.

By the Commission, division 5.

W. P. Bartel, Secretary. (Seal).

[fol. 22] CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

No. MC 108207 Sub 3

Frozen Food Express,  
a Corporation,  
Dallas, Texas

At a Session of the Interstate Commerce Commission, Division 5, held at its office in Washington, D. C., on the 28th day of January, A. D., 1949

After due investigation, It appearing that the above-named carrier has complied with all applicable provisions of the Interstate Commerce Act, and the requirements, rules, and regulations prescribed thereunder; and, therefore, is entitled to receive authority from this Commission to engage in transportation in interstate or foreign commerce as a motor carrier; and the Commission so finding:

It is ordered, That the said carrier be, and it is hereby, granted this Certificate of Public Convenience and Necessity as evidence of the authority of the holder to engage in transportation in interstate or foreign commerce as a common carrier by motor vehicle; subject, however, to such terms, conditions, and limitations as are now; or may here-

after be, attached to the exercise of the privileges herein granted to the said carrier.

It is further ordered, That the transportation service to be performed by the said carrier in interstate or foreign commerce shall be as specified below:

*Frozen foods, fresh meats, and fruits and vegetables* in mechanically refrigerated equipment, over irregular routes,

Between points and places in California, on the one hand, and, on the other, points and places in Louisiana and that part of Texas on and east of a line beginning at the Oklahoma-Texas State Line, and extending along U. S. Highway 83 to junction U. S. Highway 290, thence along U. S. Highway 290 to Sonora, Tex., thence along U. S. Highway 277 to the United States-Mexico boundary line, traversing New Mexico and Arizona for operating convenience only.

And it is further ordered, and is made a condition of this certificate that the holder thereof shall render reasonably continuous and adequate service to the public in pursuance of the authority herein granted, and that failure so to do shall constitute sufficient grounds for suspension, change, or revocation of this certificate.

By the Commission, division 5.

W. P. Bartel, Secretary. (Seal).

[fol. 23] CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

No. MC 108207 Sub 8

Frozen Food Express,  
a Corporation,  
Dallas, Texas.

At a Session of the Interstate Commerce Commission, Division 5, held at its office in Washington, D. C., on the 13th day of January, A. D., 1950

After due investigation, It appearing that the above-named carrier has complied with all applicable provisions of the Interstate Commerce Act, and the requirements,



rules, and regulations prescribed thereunder, and, therefore, is entitled to receive authority from this Commission to engage in transportation in interstate or foreign commerce as a motor carrier; and the Commission so finding;

It is ordered, That the said carrier be, and it is hereby, granted this Certificate of Public Convenience and Necessity as evidence of the authority of the holder to engage in transportation in interstate or foreign commerce as a common carrier by motor vehicle; subject, however, to such terms, conditions, and limitations as are now, or may hereafter be, attached to the exercise of the privileges herein granted to the said carrier.

It is further ordered, That the transportation service to be performed by the said carrier in interstate or foreign commerce shall be as specified below:

Irregular routes:

*Condensed milk and cream* in vehicles equipped for protection against heat and cold,

From Ladysmith, Wis., to points and places in Texas.

*Cheese* in vehicles equipped for protection against heat and cold,

From points and places in Wisconsin to points and places in Texas.

From Nashville, Shelbyville, and Carthage, Tenn., to points and places in Oklahoma, Louisiana, and Texas.

From Plymouth, Monroe, Milwaukee, and Green Bay, Wis., to points and places in Oklahoma, Arkansas, Mississippi, and Louisiana.

*Frozen foods*, in vehicles equipped for protection against heat and cold,

From Memphis, Tenn., to Dallas, Tex., and points and places in Oklahoma.

From Nashville, Tenn., to points and places in Oklahoma.

*Frozen eggs*, in vehicles equipped for protection against heat and cold,

From Enid, Okla., and Dallas and Houston, Tex., to Nashville, Tenn.

Return with no transportation for compensation except as otherwise authorized.

Authority is granted to traverse Iowa, Illinois, Missouri, and Kansas, for operating convenience only.

And it is further ordered, and is made a condition of this certificate that the holder thereof shall render reasonably continuous and adequate service to the public in pursuance of the authority herein granted, and that failure so to do shall constitute sufficient grounds for suspension, change, or revocation of this certificate.

By the Commission, division 5.

W. P. Bartel, Secretary. (Seal).

[fol. 24] CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

No. MC 108207 Sub 12 \*

Frozen Food Express, a Corporation,  
Dallas, Texas

At a Session of the Interstate Commerce Commission, Division 5, held at its office in Washington, D. C., on the 7th day of June, A. D. 1954

After due investigation, It appearing that the above-named carrier has complied with all applicable provisions of the Interstate Commerce Act, and the requirements, rules, and regulations prescribed thereunder, and, therefore, is entitled to receive authority from this Commission to engage in transportation in interstate or foreign commerce as a motor carrier; and the Commission so finding;

It is ordered, That the said carrier be, and it is hereby, granted this Certificate of Public Convenience and Necessity as evidence of the authority of the holder to engage in transportation in interstate or foreign commerce as a common carrier by motor vehicle; subject, however, to such terms, conditions, and limitations as are now, or may here-

\* This certificate embraces the operating rights in the certificates superseded and canceled in the last ordering paragraph above and is issued solely for the purpose of eliminating duplications.

after be, attached to the exercise of the privileges herein granted to the said carrier.

It is further ordered, That the transportation service to be performed by the said carrier in interstate or foreign commerce shall be as specified below:

**Irregular routes:**

*Frozen foods and fresh meats,*

Between Memphis, Tenn., and points in Arkansas, Louisiana, and Texas on the one hand, and, on the other, points in Iowa, Kansas, and Nebraska.

Restriction: The service authorized herein is restricted to the transportation of frozen foods and fresh carcass meat between points in that part of the Kansas City Commercial Zone, as defined by the Commission, situated in Kansas, on the one hand, and, on the other, points in Louisiana and in that part of Texas on, east, and south of a line beginning at the Oklahoma-Texas State line and extending over U. S. Highway 281 to San Antonio, Tex., thence west along U. S. Highway 90 to Del Rio, Tex., and thence south over U. S. Highway 277 to the International Boundary line between the United States and Mexico, and further restricted to the transportation of frozen foods, (a) from Coffeyville, Topeka, and Wichita, Kans., to points in Texas, and (b) from Topeka and Wichita, Kans., to Memphis, Tenn., and points in Arkansas.

*Meats, meat products, and meat by-products,*

From Wichita, Kans., to points in Texas, with no transportation for compensation on return except as otherwise authorized.

*Meats, meat products, and meat by-products, except fresh meats,*

Between points in Louisiana and Texas, on the one hand, and, on the other, points in Iowa, except Ottumwa, and points in Nebraska and Kansas, except those situated in the Kansas City, Mo.,-Kansas City, Kans., Commercial Zone, as defined by the Commission.

It is further ordered, and is made a condition of this certificate that the holder thereof shall render reasonably continuous and adequate service to the public in pursuance of the authority herein granted, and that failure so to do shall constitute sufficient grounds for suspension, change, or revocation of this certificate.

And it is further ordered, That this certificate shall supersede Certificate Nos. MC 108207 Sub 12 and MC 108207 Sub 24, issued December 5, 1950, and April 21, 1954, respectively, and that said certificates be, and they are hereby, canceled.

By the Commission, division 5.

George W. Laird, Secretary. (Seal).

[fols. 25-26] CERTIFICATE OF PUBLIC CONVENIENCE AND  
NECESSITY

No. MC 108207 Sub 17

Frozen Food Express, a Corporation,  
Dallas, Texas

At a Session of the Interstate Commerce Commission, Division 5, held at its office in Washington, D.C., on the 28th day of November, A.D. 1952

After due investigation, It appearing that the above-named carrier has complied with all applicable provisions of the Interstate Commerce Act, and the requirements, rules, and regulations prescribed thereunder, and, therefore, is entitled to receive authority from this Commission to engage in transportation in interstate or foreign commerce as a motor carrier; and the Commission so finding;

It is ordered, That the said carrier be, and it is hereby, granted this Certificate of Public Convenience and Necessity as evidence of the authority of the holder to engage in transportation in interstate or foreign commerce as a common carrier by motor vehicle; subject, however to such terms, conditions, and limitations as are now, or may hereafter be, attached to the exercise of the privileges herein granted to the said carrier.



It is further ordered, That the transportation service to be performed by the said carrier in interstate or foreign commerce shall be as specified below:

*Irregular Routes,*

*Boneless beef, in brine,*

- o From Laredo, Tex., to points in California, with no transportation for compensation on return except as otherwise authorized.

*Uncooked biscuits,*

From Los Angeles, Calif., to Shreveport, La., and to points in Texas on and east of a line beginning at the Oklahoma-Texas State line and extending along U. S. Highway 83 through Guthrie, Aspermont, Abilene, and Eden to junction U. S. Highway 290, thence along U. S. Highway 290 to Sonora, Tex., thence along U. S. Highway 277 through Del Rio to the United States-Mexico boundary line, with no transportation for compensation on return except as otherwise authorized.

*Dressed poultry,*

From Brownwood, Paris, Taylor, Waco, and Yoakum, Tex., to Fontana, Fresno, San Francisco, and Los Angeles, Calif., with no transportation for compensation on return except as otherwise authorized.

And it is further ordered, and is made a condition of this certificate that the holder thereof shall render reasonably continuous and adequate service to the public in pursuance of the authority herein granted, and that failure so to do shall constitute sufficient grounds for suspension, change, or revocation of this certificate.

By the Commission, division 5.

George W. Laird, Acting Secretary. (Seal.)

[fol. 27] IN THE UNITED STATES DISTRICT COURT FOR THE  
SOUTHERN DISTRICT OF TEXAS, HOUSTON DIVISION

[Title omitted]

ANSWER OF INTERSTATE COMMERCE COMMISSION—Filed  
August 16, 1954

The allegations in the unnumbered first paragraph of the complaint states that the complaint was filed against the United States of America and the Interstate Commerce Commission. It is therefore assumed that said Commission is a party defendant to this action without further intervention as authorized in 28 U.S.C. 2323.

The Interstate Commerce Commission, hereinafter called the Commission, reserving all advantage and benefit of exception to errors of the complaint, for answer thereunto, in so much as deemed material, answers and says:

I

Answering allegations of preliminary paragraphs (1) and (2), and paragraphs I and II of the complaint, the Commission admits that plaintiff is a Texas corporation with a place of business in Houston in the Southern District of Texas, and is authorized to operate, in interstate commerce, as a common carrier by motor vehicle within the limits of authority granted by the Commission under certificates of public convenience and necessity issued to it, and that this Court has jurisdiction of the action herein and venue of the parties thereto.

II

The Commission denies the allegations of paragraph III of the complaint, that plaintiff has not sought any authority from the Commission to transport commodities such as therein specified and claimed to be exempt from regulations of motor carriers under Part II of the Interstate Commerce Act, Section 203 (b)(6), (49 U.S.C. 303 (b)(6)), and it is alleged that plaintiff has applied for, been granted and issued, certificates of such authority, as disclosed in part by the six copies of certificates attached to the complaint, which are here admitted to be correct

copies thereof. It is further denied that plaintiff is authorized to transport for hire the specific commodities named in said paragraph, between all points and places in the forty-eight States and the District of Columbia, except as authorized by certificates of public convenience and necessity granted and issued by the Commission, or of "agricultural commodities (not including manufactured products thereof)" under 49 U.S.C: 303(b)(6), except as have been determined by the Commission to come within that exemption, as fully set forth in its report of July 13, 1954, Docket No. MC-C-1605, *East Texas Motor Freight Lines., et al. v. Frozen Food Express.*

Further answering the allegations of said paragraph III, that plaintiff, since enactment of Part II of said Act, has been transporting agricultural commodities (not including manufactured products thereof), under 49 U.S.C. [fol. 29] 303(b)(6), beyond the limits of certificates issued to it, or beyond the limits of exemption of such agricultural commodities as interpreted and defined in 52 M.C.C. 511, is neither admitted nor denied because of lack of information and knowledge thereof.

### III.

The Commission denies the allegations of paragraph IV, 1, 2, 3, 4 and 5 of the complaint.

### IV.

The Commission admits the allegations of paragraph V of the complaint, that an order has been entered, directed to plaintiff corporation, requiring it to cease and desist its operations in interstate commerce, in the transportation of fresh or frozen meats and fresh or frozen dressed poultry, except as authorized by and under certificates granted and issued to it by the Commission, and alleges that no threats of enjoining plaintiff or of filing complaints against it, except the provisions of said cease and desist order, have been made. It is further alleged that the Commission has no authority to issue injunctions against plaintiff corporation, or against anyone, and has no authority to enforce its said cease and desist order except by filing of court action, either petition for injunction or prosecution,

under Section 222(a) and (b) of the Interstate Commerce Act (49 U.S.C. 322(a) and (b)).

## V.

The Commission further alleges that proceedings here involved were instituted December 23, 1953, upon the filing of complaint by three certificated common carriers by motor vehicles, alleging that plaintiff had been transporting fresh [fol. 30] and frozen meats, meat products, and dressed poultry between points not authorized by any certificate held by it; and seeking an order requiring said defendant, plaintiff herein, to cease and desist from the alleged unauthorized and unlawful operations, and the Irregular Motor Common Carrier Conference of American Trucking Associations, Inc., were permitted to intervene in the proceeding in support of complainants. Parties to the proceeding submitted it for Commission consideration upon a stipulated statement of facts, including admissions of defendant, plaintiff herein, that it had engaged, and is presently engaged in transportation of fresh and frozen meats and fresh and frozen dressed poultry from and to points not authorized by its certificates. Thereafter the order in Docket No. MC-G-1605 *East Texas Motor Freight Lines, Inc., et al. v. Frozen Food Express*, was entered on July 13, 1954, the order here involved.

## VI.

The Commission further alleges that all the parties to said proceedings were given a full and complete hearing; that the said report and order entered July 13, 1954, were and are fully supported and justified by the submissions made in said proceedings as aforesaid, and that in making said report it considered and weighed carefully, in the light of its own knowledge and experience, each fact, circumstance and condition called to its attention on behalf of the parties to said proceeding by their respective counsel.

The Commission further alleges that said report was not made or entered either arbitrarily or unjustly, or contrary to law; that in making said report the Commission did not exceed the authority conferred upon it by law, and the



Commission denies each of and all the allegations to the contrary contained in the complaint

[fol. 31]

## VII.

Except as herein expressly admitted, the Commission denies the truth of each of and all the allegations contained in the complaint, in so far as they conflict either with the allegations herein, or with either the statements or conclusions of fact included in said report.

All of which matters and things the Commission is ready to aver, maintain, and prove as this Honorable Court shall direct, and hereby prays that said complaint be dismissed.

Interstate Commerce Commission. By /s/ Allen Crenshaw, Associate General Counsel. /s/ Edward M. Reidy, General Counsel. Of Counsel.

[fols. 32-37] CERTIFICATE OF SERVICE (OMITTED IN PRINTING)

[fol. 38]

[File endorsement omitted]

UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT  
OF TEXAS, HOUSTON DIVISION

[Title omitted]

ANSWER OF THE UNITED STATES OF AMERICA—Filed September 13, 1954

### I.

Answering paragraphs I and II of the plaintiff's complaint the defendant admits the same.

### II.

Answering paragraph III of the plaintiff's complaint the defendant neither admits nor denies the allegations since it has no knowledge of the same.

### III.

Answering paragraph IV the defendant admits that the Interstate Commerce Commission has issued the order com-

plained of (Exhibit A) attached to the plaintiff's complaint but denies that the complainant is deprived of its statutory right granted under the exemption of Interstate Commerce Act, part 2, to transport agricultural commodities (not including manufactured products thereof). The United States further avers that meat products do not come within such exemption.

Further answering paragraph IV the defendant denies that the finding and order of the Commission is arbitrary, unreasonable, capricious and unjust to the complainant concerning the transportation of meat products. Such order as it relates to meat products does not constitute an abuse of the Interstate Commerce Commission's discretion. Neither does it transcend the Commission's statutory power [fol. 39] and authority concerning the transportation of meat products.

#### IV.

Answering paragraph V the defendant denies the complainant will be deprived of the right granted to it under the laws of the United States so far as the transportation of meat products is concerned. Further answering paragraph V, the defendant alleges that the transportation of fresh and frozen meats and fresh and frozen dressed poultry come within the exemption of the Interstate Commerce Act, part 2, 49 USCA, section 303(b)(6) and that said order issued by the Interstate Commerce Commission relative to the transportation of these two commodities is unjust, unreasonable and unlawful.

And the United States of America further alleges that the Interstates Commerce Commission is required by Title 7 USCA, section 1291(a) to notify previous to hearing or disposition of the complaint relating to rates, changes, tariffs and practices concerning the transportation of farm products, the Secretary of Agriculture. That this issue which has been determined by the Interstate Commerce Commission was so made without notice to the Secretary of Agriculture.

That the foregoing requirement is mandatory in accordance with section 1291 *supra* and the Interstate Commerce Commission having failed to comply with the provisions

of the statute should be ordered to reopen such hearing in compliance with this requirement of law.

Wherefore the United States of America prays that this honorable court remand this issue to the Interstate Commerce Commission with an order to comply with Title 7, USCA, section 1291(a) and to grant such other relief as is proper and equitable.

By the United States of America,

James E. Kilday, Charles S. Sullivan, Jr., Special Assistants to the Attorney General; Stanley N. Barnes, Assistant Attorney General; Malcolm R. Wilkey, United States Attorney.

[fols. 41-51] CERTIFICATE OF SERVICE (Omitted in printing)

[fol. 52] IN THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF TEXAS, HOUSTON DIVISION

Civil Action No. 8396

FROZEN FOOD EXPRESS, PLAINTIFF

EZRA TAFT BENSON, Secretary of Agriculture of the United States, Intervening Plaintiff,

v.

UNITED STATES OF AMERICA and INTERSTATE COMMERCE COMMISSION, Defendants

MOTION FOR LEAVE TO INTERVENE BY EZRA TAFT BENSON, SECRETARY OF AGRICULTURE OF THE UNITED STATES—Filed October 13, 1954.

To the Honorable Judges of the United States District Court for The Southern District of Texas, Houston Division:

I

Ezra Taft Benson, Secretary of Agriculture of the United States, hereby moves the Court under Rule 24 of the Rules

of Civil Procedure, for an order permitting him to intervene as a plaintiff in this action so that he may make and establish the claims set forth in the proposed complaint attached hereto.

## II

The decision of the Interstate Commerce Commission entered in No. MC-C-1605, *East Texas Motor Freight Lines, et al. v. Frozen Food Express, Inc.* (decided July 13, 1954), [fol. 53] which decision the complaint of Frozen Food Express seeks to have set aside, while purporting to affect only the defendant in the administrative proceeding, actually adversely affects a very large class of persons who transport fresh and frozen meat and fresh and frozen dressed poultry in interstate commerce by motor vehicle.

The Secretary of Agriculture is charged by section 203(j) of the Agricultural Marketing Act of 1946 (7 U.S.C. 1946 ed. 1622) with the duty of securing for the agricultural community equitable and reasonable transportation facilities for agricultural commodities including fresh and frozen meat and fresh and frozen dressed poultry; and the intervention of the Secretary of Agriculture is necessary in order that such interest be adequately represented.

The intervention of the Secretary of Agriculture in this proceeding is also contemplated by section 10 of the Administrative Procedure Act (5 U.S.C. 1946 ed. 1009), section 2323 of the Judicial Code (28 U.S.C. 1946 ed. Supp. IV 2323), and section 201 of the Agricultural Adjustment Act of 1938 (7 U.S.C. 1946 ed. 1291).

Wherefore, your petitioner prays that an order be entered permitting him to intervene in this action and to file the proposed complaint attached hereto.

Respectfully submitted, by direction of Ezra Taft Benson, Secretary of Agriculture of the United States. Charles W. Bucy, Associate Solicitor; Walter D. Matson, Harry Ross, Jr., Attorneys, Office of the Solicitor, United States Department of Agriculture, Washington 25, D. C.



[fol. 54] IN UNITED STATES DISTRICT COURT

ORDER ALLOWING INTERVENTION OF THE SECRETARY OF  
AGRICULTURE—October 13, 1954

"10-13-54: The Motion to Intervene on behalf of Ezra Taft Benson, Secretary of Agriculture of the United States, being presented to me in Chambers, accompanied by copy of the Complaint in Intervention, it is ordered that the Clerk will file the Complaint and note the appearance of counsel on the docket sheet. Counsel will be permitted to appear and participate in all proceedings. Final ruling on the Motion to Intervene will await the convening of the statutory Court.

C."

[fol. 55] IN THE UNITED STATES DISTRICT COURT FOR THE  
SOUTHERN DISTRICT OF TEXAS, HOUSTON DIVISION

Civil Action No. 8396

FROZEN FOOD EXPRESS, Plaintiff,

EZRA TAFT BENSON, SECRETARY OF AGRICULTURE OF THE  
UNITED STATES, Intervening Plaintiff,

v.

UNITED STATES OF AMERICA and INTERSTATE COMMERCE  
COMMISSION

COMPLAINT OF EZRA TAFT BENSON, SECRETARY OF AGRICULTURE OF THE UNITED STATES—Filed, October 13, 1954

I

Intervening plaintiff, Ezra Taft Benson, Secretary of Agriculture of the United States (herein referred to as the Secretary), brings this complaint to suspend, enjoin, annul, and set aside the report and order of the Interstate Commerce Commission (herein referred to as the Commission) entered on July 13, 1954, and the order entered September

17, 1954, in a proceeding before the Commission entitled "*MC-C-1605, East Texas Motor Freight Lines, et al. v. Frozen Food Express, — M.C.C. —*."

[fol. 56]

## II

The jurisdiction of the Court is founded upon section 205(g) of the Interstate Commerce Act (49 U.S.C. 1946 ed. 305(g)), section 10 of the Administrative Procedure Act (5 U.S.C. 1946 ed. 1009), sections 1336, 1398, 2284, and 2321 to 2325, inclusive, of the Judicial Code (28 U.S.C. 1946 ed. Supp. IV 1336, 1398, 2284, and 2321-2325), and section 201 of the Agricultural Adjustment Act of 1938, (7 U.S.C. 1946 ed. 1291).

## III

The United States of America is named as a statutory defendant pursuant to section 2322 of the Judicial Code (28 U.S.C. 1946 ed. Supp. IV 2322).

## IV

The Commission is an administrative tribunal, created by the Act to Regulate Commerce approved February 4, 1887 (24 Stat. 383), with specifically vested powers and duties respecting interstate commerce under the said Act and the acts amendatory thereof and supplemental thereto, hereinafter referred to as the Interstate Commerce Act.

## V

The administrative proceeding entitled MC-C-1605, *East Texas Motor Freight Lines, et al. v. Frozen Food Express*, was instituted by a complaint filed December 23, 1953, by East Texas Motor Freight Lines, Gillette Motor Transport, Inc., and Jones Truck Lines, Inc., in which it was alleged that Frozen Food Express had transported and was continuing to transport fresh and frozen meat and fresh [fol. 57] and frozen dressed poultry in interstate commerce from and to points for which no authorization of the Commission had been secured. Frozen Food Express by answer alleged that the complained of operations embraced only the transportation of agricultural commodities which

transportation, by section 203(b)(6), of the Interstate Commerce Act (49 U.S.C. 1946 ed. 303(b)(6)), is exempted from economic regulation by the Commission. The proceeding was not made the subject of an oral hearing but was submitted upon a stipulation of facts. No recommended report of an examiner was issued and the proceeding was decided in the first instance by the full Commission which found and concluded in its report and order issued July 13, 1954, a copy of which is attached hereto as Appendix A, that fresh and frozen meat and fresh and frozen dressed poultry are not embraced within the terms "ordinary livestock" or "agricultural commodities" as those terms are used in section 203(b)(6) of the Interstate Commerce Act (49 U.S.C. 1946 ed. 303(b)(6)). At no time prior to the disposition of this proceeding was the Secretary of Agriculture notified by the Commission nor did he receive notice of the existence of the proceeding in any other manner prior to the Commission's decision. Subsequent to the issuance of the Commission's report and order of July 13, 1954, the Secretary learned of the proceeding and immediately filed a petition for leave to intervene and for oral hearing, a copy of which petition is attached hereto as Appendix B. That petition was denied by order of the Commission dated September 17, 1954 (actually released September 28, 1954), a copy of which is attached hereto as Appendix C.

[fol. 58]

## VI

Section 201 of the Agricultural Adjustment Act of 1938 (7 U.S.C. 1946 ed. 1291) states:

(a) The Secretary of Agriculture is authorized to make complaint to the Interstate Commerce Commission with respect to rates, charges, tariffs, and practices relating to the transportation of farm products, and to prosecute the same before the Commission. *Before hearing or disposing of any complaint* (filed by any person other than the Secretary) with respect to rates, charges, tariffs, and practices relating to the transportation of farm products, *the Commission shall cause the Secretary to be notified, and, upon applica-*

tion by the Secretary, shall permit the Secretary to appear and be heard. (Emphasis supplied.)

(b) If such rate, charge, tariff, or practice complained of is one affecting the public interest, upon application by the Secretary, the Commission shall make the Secretary a party to the proceeding. In such case the Secretary shall have the rights of a party before the Commission and the rights of a party to invoke and pursue original and appellate judicial proceedings involving the Commission's determination. The liability of the Secretary in any such case shall extend only to liability for court costs.

(c) For the purposes of this section, the Interstate Commerce Commission is authorized to avail itself of the cooperation, records, services, and facilities of the Department of Agriculture.

(d) The Secretary is authorized to cooperate with and assist cooperative associations of farmers making complaint to the Interstate Commerce Commission with respect to rates, charges, tariffs, and practices relating to the transportation of farm products.

The Commission, notwithstanding the directive contained in the above-quoted statute, proceeded to dispose of the complaint in the administrative proceeding without notifying the Secretary; and although the Secretary, upon learning of the administrative proceeding, sought leave to present evidence therein on behalf of the agricultural community, he was denied the right to be heard.

The Secretary alleges that the report and order of the Commission is null and void and should be set aside because [fol. 59] the failure of the Commission to notify him "before hearing or disposing" of the complaint which initiated the administrative proceeding and the denial of his petition for leave to intervene and for oral hearing unjustly deprived him of the right to become a party and to be heard on behalf of the agricultural community which he represents, with the result that he was denied a fair hearing.



## VII

The Secretary further alleges that the report and orders of the Commission in MC-C-1605, *East Texas Motor Freight Lines, et al. v. Frozen Food Express*, dated July 13, 1954, and September 17, 1954, are unsupported by substantial evidence, are based upon errors of law, fail to give effect to the legislative purpose of section 203(b)(6) of the Interstate Commerce Act, exceed the statutory authority of the Commission, and are unlawful, arbitrary, capricious, and null and void.

Wherefore, the Secretary prays that the Court suspend, enjoin, annul, and set aside the report and order of the Commission in MC-C-1605, *East Texas Motor Freight Lines, et al. v. Frozen Food Express*, dated July 13, 1954, and the order dated September 17, 1954, and that the Secretary have such other and further relief in the premises as in equity may appertain and as may be deemed by the Court fit and proper.

Respectfully submitted, by the direction of Ezra Taft Benson, Secretary of Agriculture of the United States. (S.) Charles W. Bucy, Associate Solicitor; (S.) Walter D. Matson, Harry Ross, Jr., Attorneys, Office of the Solicitor, United States Department of Agriculture, Washington 25, D. C.

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[fols. 60-61] CERTIFICATE OF SERVICE (omitted in printing)

[fol. 62]

## APPENDIX A TO COMPLAINT

## INTERSTATE COMMERCE COMMISSION

No. MC-C-1605

EAST TEXAS MOTOR FREIGHT LINES, INC., et al

v

FROZEN FOOD EXPRESS

Submitted April 2, 1954. Decided July 13, 1954

Defendant's unauthorized operations in the transportation of fresh and frozen meats and fresh and frozen dressed poultry found not to be within the exemption provided in section 203(b)(6) of the Interstate Commerce Act and to be unlawful. Defendant ordered to cease and desist from performing the service found to be unlawful. *Rollo E. Kidwell, David G. Macdonald, Francis W. McInerney, and Lee Reeder* for complainants. *Clarence D. Todd, Dale C. Dillon, and Charles F. Riddle* for intervener in support of complainants. *Carl L. Phinney and Leroy Hallman* for defendant.

## REPORT OF THE COMMISSION

## By the Commission:

No oral hearing has been held in this proceeding, and it has been submitted on a stipulated statement of facts. In view of the lack of any dispute as to the facts, the clarity of the issues, and the desirability of an early decision, no report of an examiner is deemed necessary.

By complaint filed December 23, 1953, East Texas Motor Freight Lines, a corporation, of Dallas, Tex., Gillette Motor Transport, Inc., of Dallas, and Jones Truck Lines, Inc., of Springdale, Ark.; hereinafter called East Texas, Gillette, and Jones, respectively, all motor common carriers, allege that the defendant, Frozen Foods Express, of Dallas, a corporation, is, and has been, engaged in the transportation of fresh and frozen meats, meat products, and dressed poul-  
[fol. 63] try from, to, and between points not authorized in

any certificate held by it. Complainants seek an order requiring defendant to cease and desist from the alleged unauthorized and unlawful operations and such other and further relief as may be considered proper in the premises. By order entered March 4, 1954, the Irregular Route Motor Common Carrier Conference of American Trucking Associations, Inc., hereinafter referred to as the Conference, was permitted to intervene in support of complainants.

Complainants transport general commodities over regular routes in an area which includes Illinois, Missouri, Oklahoma, Tennessee, and Texas. Defendant is authorized to transport frozen foods, fresh foods, including fruits and vegetables, packing-house products, and dairy products, from, to or between specified points in Arkansas, California, Illinois, Louisiana, Kansas, Michigan, Missouri, Oklahoma, Tennessee, Texas, and Wisconsin. It admits that it has, and now is engaged in the transportation of fresh and frozen meats and fresh and frozen dressed poultry from and to points not authorized by its certificates. Following is a list of typical shipments transported by defendant beyond the scope of its certificates during September, October, and November, 1953:

[fol. 164]

| Commodity:      | Weight<br>Pounds | Origin             | Destination      |
|-----------------|------------------|--------------------|------------------|
| Beef and mutton | 26,325           | San Antonio, Tex.  | Cincinnati, Ohio |
| Cut-up poultry  | 25,674           | Fayetteville, Ark. | Norwood, Ohio    |
| Dressed poultry | 25,276           | Bentonville, Ark.  | Dayton, Ohio     |
|                 | 23,890           | " "                | Columbus, Ohio   |
| Fresh beef      | 23,061           | Fort Worth, Tex.   | Turlock, Calif.  |
| Frozen turkeys  | 23,900           | Bentonville, Ark.  | Toledo, Ohio     |
| Veal trimmings  | 29,967           | Fort Worth, Tex.   | Louisville, Ky.  |
|                 |                  |                    | Cincinnati, Ohio |

In each such instance no commodity other than that indicated was transported at the same time in the same vehicle.

Defendant, relying upon *Interstate Commerce Commission v. Kroblin*, 113 F. Supp. 599, which was affirmed on appeal, — F. 2d —, contends that the operations complained of come within the exemption provided by section 203(b)(6) of the Act, and may be performed without specific

authority from this Commission. Section 203(b)(6), so far as here material, provides as follows:

Nothing in this part, except the provisions of section 204 relative to qualifications and maximum hours of service of employees and safety of operation or standards of equipment shall be construed to include . . .

(6) motor vehicles used in carrying property consisting of *ordinary livestock*, fish (including shell fish), or *agricultural (including horticultural) commodities (not including manufactured products thereof)*, if such motor vehicles are not used in carrying any other property, or passengers, for compensation . . .  
(Italics supplied)

We have involved here the transportation of two types of commodities, namely, (1) fresh or frozen dressed poultry and (2) fresh or frozen dressed meat or, more precisely, those packing-house products derived from the slaughter [fol. 65] of ordinary livestock. Although, as will be seen, we conclude that neither type of commodity is within the exemption provided by the statute, the reasoning in support of such conclusion differs as to the two classes of commodities. Obviously the exemption, if any, of vehicles used in the transportation of dressed poultry depends upon whether that commodity is an "agricultural commodity" or a "manufactured product thereof". In the case, however, of dressed livestock or those packing-house products derived from the slaughter of livestock, that issue is not in our opinion controlling.

As originally enacted in 1935, section 203(b)(6) exempted transportation performed in "motor vehicles used exclusively in carrying livestock, fish (including shellfish), or agricultural commodities (not including manufactured products thereof)." In 1938 the section was amended to read "motor vehicles used in carrying property consisting of livestock, fish (including shellfish), or agricultural commodities (not including the manufactured products thereof) if such motor vehicles are not used in carrying any other property or passengers for compensation". In 1940 the word "livestock" in the exemption was modified to read "ordinary livestock", a term previously defined in section



20(11) of the Act as "all cattle, swine, sheep, goats, horses, and mules, except such as are chiefly valuable for breeding, racing, show purposes, or other special uses".

Thus, from the begining of motor carrier regulation by us an exemption has been provided in section 203(b)(6) of vehicles used in the carrying of "livestock" or "ordinary [fol. 66] livestock", and also in the same section an exemption of vehicles used in the carrying of "agricultural commodities". The latter exemption does not duplicate the former nor did it establish a second exemption of vehicles used in carrying ordinary livestock. On the other hand, it must be concluded that the exemption of vehicles used in carrying ordinary livestock ends upon the slaughter of the livestock when it loses its identity as livestock, and that there was no intent in the same section to provide a further or second exemption of vehicles carrying the packing-house products which result from the slaughter, on the theory that such commodities are "agricultural commodities". A Congressional intent, had there been one to exempt the transportation not only of ordinary livestock but also of the products of the slaughter thereof, would unquestionably have been so simple to state that the failure to do so negatives any such strained construction of the language actually used to accomplish that end. This conclusion conforms to that made by us in *Determination of Exempted Agricultural Commodities*, 52 M.C.C. 511, hereinafter referred to as the *Exemption case*.

The record herein, apparently for the purpose of demonstrating that fresh meat is in any event a "manufactured product" of an agricultural commodity, describes the slaughtering processes at some length. This evidence as it relates to the processing of livestock is beside the point if our conclusion is correct that the exemption of vehicles used in carrying "agricultural commodities" does not duplicate the exemption of vehicles used in carrying "ordinary live-[fol. 67] stock." Nevertheless, we shall review it briefly and later we shall refer to other evidence designed to show that fresh and frozen meats which are the products of the slaughter of ordinary livestock are, in any event, manufactured products.

Cattle are raised on farms and ranches and generally

are shipped alive by the growers to stockyards operated by, or in conjunction with, meat packing companies. The slaughtering process begins only after the animals reach the stockyards and consists of (1) holding the cattle in pens, including resting, watering, and feeding, (2) killing, including knocking, shackling, hoisting, and bleeding, (3) skinning and cutting, (4) washing, (5) stamping, scaling, and grading, (6) hot clothing, and (7) chilling. In processing the animals for slaughter, various mechanical and other aids are employed, such as pens, runways, pulleys and chains, overhead conveyors, electric saws, mechanical slides, water heaters, ribbon branders, and chilling systems entailing the use of brine tanks, pumps, and related gear.

Chickens and other poultry intended to be used for food are raised on farms or by so-called "commercial broiler houses". Poultry is raised on farms principally for the production of eggs. Their sale for killing is largely incidental to that production. The commercial broiler houses, on the other hand, are primarily engaged in producing poultry for food purposes. From three to four lots are usually raised and marketed during the course of a year. In most instances, chickens, turkeys, and other poultry are shipped alive from the farm or commercial broiler house to the [fol. 68] processing plant. Only a small percentage of the total number raised are killed and processed by the grower. The principal exceptions are the Long Island, N.Y., duck industry and certain growers' cooperatives, which carry on all operations incidental to the marketing of dressed poultry including the growing, killing, and processing.

In the packing plants, the birds are first placed on an endless chain and then carried by the chain through the various stages of processing, which includes killing, picking, pinning, singeing, cropping and venting, washing, chilling, eviscerating, packaging, and freezing. Picking is done both by machinery and by hand, the mechanical picker consisting of revolving drums equipped with rubber fingers. In some plants the removal of feathers is accomplished by the use of hot wax. The usual method of chilling is to place the carcasses in metal baskets which are then submerged in tanks of ice water long enough to remove all body heat. In the eviscerating process, the body cavity is cut open

and the viscera removed, with the liver, heart, and gizzard being cleaned and replaced in the carcass. The eviscerated poultry is then usually wrapped in waterproof paper and packed with ice in crates or barrels. Various methods of dry wrapping are also employed. The freezing of poultry must be accomplished as rapidly as possible and is generally done in a mechanically refrigerated room in which the temperature is maintained at minus 40 degrees Fahrenheit and the air is circulated at speeds up to 70 miles an hour. After the birds have been frozen by this quick-freeze method, they are placed in cold storage until ready for shipment.

The evidence also contains, in exhibit form, numerous booklets, manuals, pamphlets, and statistical studies published in 1929 and later by various Federal agencies, including the Executive Office of the President and U.S. Departments of Commerce and Labor, indicating that, for industrial classification purposes, the slaughter of livestock, meat packing, and the dressing of poultry are regarded as manufacturing activities. As examples, in a 1933 publication of the Bureau of the Census, U.S. Department of Commerce, entitled *Foreign Commerce and Navigation of the United States*, meats are classified as dutiable imports under the listing of "Manufactured Foodstuffs". Four manuals issued by the Bureau of the Budget, Executive Office of the President, in 1940, 1943, 1945, and 1946, variously entitled *Standard Industrial Classification*, *Standard Industrial Classification Manual*, or *Standard Commodity Classification*, all classify meat packing and poultry dressing as manufacturing industries, and the products thereof as manufactured foods. A 1950 publication of the U.S. Department of Commerce entitled *Schedule A Statistical Classification of Imports into the United States* lists fresh and frozen meats and dead, dressed, or undressed poultry as "Meat Products". "Meat Products" is listed under the broader classification of "Agricultural Manufactured Foodstuffs and Beverages".

In the *Exemption case*, we reported the result of an investigation instituted on our own motion into and concerning the meaning of the term "agricultural commodities (not including manufactured products thereof)" as used in section 203(b)(6). We concluded that the term "agricul-

tural commodities" embraces all products raised or produced on farms by tillage and cultivation of the soil (such as vegetables, fruits, and nuts); forest products; live poultry and bees; and commodities produced by ordinary livestock, live poultry, and bees, such as milk, wool, eggs, and honey; and that the parenthetical expression "not [fol. 70] including manufactured products thereof" has the effect of limiting agricultural commodities to those in their natural state and those which, as a result of treating or processing, have not acquired new forms, qualities, properties, or combinations. At pages 546 and 547, in discussing the identical questions here in issue, we said:

The words "agricultural commodities (not including manufactured products thereof)" do not include ordinary livestock as the latter are separately mentioned in section 203(b)(6). Section 20(11) of the act provides that "The term 'ordinary livestock' shall include all cattle, swine, sheep, goats, horses, and mules, except such as are chiefly valuable for breeding, racing, show purposes, or other special uses." It necessarily follows that the term as used in section 203(b)(6) has the same meaning. Livestock, such as race horses, show horses, and the like do not come under the classification of "ordinary livestock", and the transportation of animals of this type is subject to the certificate or permit requirements of the act. *Owsley Common Carrier Application*, 31 M.C.C. 778. Poultry, however, are included within the broader description "agricultural commodities." It is clear also that certain products of live animals, such as are embraced in the definition of ordinary livestock, are likewise included; and there is no dispute that wool, at least in the form sheared from the sheep,<sup>1</sup> is an agricultural commodity. These products are in themselves basic agricultural commodities, separate and distinct from the livestock. But slaughtered animals are not embraced in the definition

<sup>1</sup> In a report on reconsideration in the *Exemption case*, 62 M.C.C. 87, 89, we found that cleaned or scoured raw wool and mohair and redried tobacco leaf are within the agricultural exemption.



of ordinary livestock and we are impelled to conclude that the ~~products~~ thereof, such as fresh meats and meat products, do not fall within the description "agricultural commodities" as used in section 203(b)(6). It logically follows that neither killed poultry nor any products thereof come within the term under consideration. We conclude that poultry other than that alive is not an agricultural commodity within the meaning of section 203(b)(6). Further, we are of the opinion that birds of the air such as doves and pigeons are not agricultural commodities.

[fol. 71] The facts before us in this proceeding are more complete as they relate to this particular issue than were those before us in the *Exemption case*, but they contain nothing to warrant any different conclusions. On the contrary, they confirm the conclusions there reached.

On all the evidence now before us, we conclude (1) that the exemption of vehicles used in carrying "ordinary livestock" does not extend to fresh or frozen meats, the products of the slaughter of such livestock; (2) that the exemption of vehicles used in carrying "agricultural (including horticultural) commodities (not including the manufactured products thereof)" does not embrace vehicles used in carrying ordinary livestock in view of the specific exemption in the same section of vehicles used in carrying that commodity; and (3) that the exemption of vehicles used in carrying "agricultural (including horticultural) commodities (not including manufactured products thereof)" does not in any event extend to vehicles used in carrying either fresh or frozen meat or fresh or frozen dressed poultry.

Although on somewhat similar facts, at least with respect to dressing and packing poultry, it was held in the *Kroblin case* that so-called New York-dressed poultry or eviscerated poultry were not "manufactured products" of [fol. 72] agricultural commodities within the intent and meaning of section 203(b)(6), we have not acquiesced in the Court's decision, and a review thereof has been sought. Until a final decision contrary to the findings in the *Exemption case* is reached by the Courts, we adhere to the conclusion that the transportation of fresh and frozen

meats and fresh and frozen dressed poultry are subject to the certificate and permit requirements of the act. In any event, and regardless of the final outcome of the *Krablin case*, it seems clear that slaughtered livestock or the products of the slaughter of livestock are neither ordinary livestock nor agricultural commodities as those terms are commonly used and understood. It follows that vehicles used in the transportation of slaughtered livestock or the products of slaughtered livestock do not come within the purview of the exemption in section 203(b)(6).

The conclusion that fresh and frozen meats, the products of the slaughter of ordinary livestock are not "agricultural commodities" within the meaning of the statute finds definite support in *Southwestern Trading Co. v. United States*, 208 F. 2d 708, wherein the Court of Appeals for the Fifth Circuit affirmed on appeal in a criminal proceeding a finding that vehicles used in carrying cow hides were not within the exemption of vehicles engaged in carrying "agricultural commodities". In so doing, the Court said:

In a proceeding before the Interstate Commerce Commission, reported in 52 Motor Carrier Cases 511, the history of the legislation was reviewed, and it was found that the primary purpose of the partial exemption provided in said Section 303(b)(6) was to aid the farmer in agricultural pursuits; that the words agricultural commodities should be construed in their plain, usual, and commonly accepted sense. The Commission proceeded to group agricultural commodities under three general headings: Those which are produced by plants; those which are produced continually by living animals kept on the farm, such as milk, eggs, and wool; and live poultry. The only group into which cow hides could possibly come would be the products of animals, but it is apparent that cow hides would not be included within this group, as said classification refers only to the commodities which living animals produce continually and with regularity. The hide is a part of the animal, separable only upon its death; it is a product of slaughter only. The Commission specifically found that slaughtered animals

were not embraced in the definition of ordinary livestock, and that the products thereof, such as fresh meat and meat products, did not fall within the description "agricultural commodities" as used in Section 303(b)(6). It stated that pelts, skins, or green and salted hides, are not agricultural commodities within the meaning of said section. The conclusion reached by the Commission is directly in point here.

Considering all of the evidence of record, we find that defendant's operations in the transportation of fresh and frozen meats and fresh and frozen dressed poultry, in interstate or foreign commerce, are not within the exemption provided in section 203(b)(6) of the act, and that to the extent to which such transportation is not authorized in its certificate, it is unlawful and should be discontinued.

An order will be entered requiring defendant to cease and desist from the performance of the transportation found unlawful herein.

[fels. 74-86]

#### ORDER

At a General Session of the Interstate Commerce Commission, held at its office in Washington, D. C., on the 13th day of July, A.D. 1954.

No. MC-C-1605

EAST TEXAS MOTOR FREIGHT LINES, INC., et al.

v.

#### FROZEN FOOD EXPRESS

This proceeding being at issue upon complaint and answer on file, and full investigation of the matters and things involved having been made, and the Commission, on the date hereof, having made and filed a report herein containing its findings of fact and conclusions thereon, which report is hereby made a part hereof:

*It is ordered*, That defendant, Frozen Food Express, be, and it is hereby, notified and required, within 45 days from the date of this order, to cease and desist from all motor

carrier operations in interstate or foreign commerce of the character found in the said report to be unlawful and thereafter to abstain from a resumption of such operations unless and until appropriate authority is obtained.

By the Commission.

George W. Laird, Secretary.

(Seal)

[fol. 87] IN THE UNITED STATES DISTRICT COURT FOR THE  
SOUTHERN DISTRICT OF TEXAS, HOUSTON DIVISION

[Title omitted]

ANSWER OF INTERSTATE COMMERCE COMMISSION TO COMPLAINT  
OF EZRA TAFT BENSON, SECRETARY OF AGRICULTURE—Filed  
October 14, 1954

Now comes the defendant Interstate Commerce Commission, hereinafter referred to as the Commission, and for answer to the complaint herein filed by Ezra Taft Benson, Secretary of Agriculture of the United States, as an intervening plaintiff, admits, denies and avers as follows:

1

The Commission admits the allegations in paragraphs I, II, III, and IV of the said complaint, except the allegation in paragraph II that the Court's jurisdiction is founded upon section 201 of the Agricultural Adjustment Act of 1938, which the Commission expressly denies.

2

The Commission admits the allegations in paragraph V, except the allegation that the Secretary of Agriculture received no notice of the said proceeding prior to the Commission's decision therein, as to the truth of which [fol. 88] allegation the Commission is without knowledge.

3

Answering paragraph VI, the Commission alleges that it was not required, under the statute therein referred to or



under any other statute, to notify the Secretary of Agriculture before proceeding with the disposition of the said complaint. The Commission admits that after the said complaint was at issue and after all the evidence of the complainants and the respondents had been received and after it (the Commission) had rendered its decision, the Secretary petitioned for leave to intervene in the said proceeding and for an oral hearing, and admits that it denied the said petition, a copy of its denial order being attached to the Secretary's complaint and marked Appendix "C".

The Commission expressly denies the allegation that its report and order in the said proceeding are null and void because of its failure to notify the Secretary before disposing of the said complaint and because of its denial of the Secretary's petition for leave to intervene and for oral hearing.

## 4

The Commission denies each of and all the allegations in paragraph VII of the said complaint.

## 5

Further answering the said complaint, the Commission alleges that the findings in its said report and order were and are, and each of them was and is, fully supported by the evidence admitted in the said proceeding; that the said findings afford an adequate basis for the Commission's conclusions therein; and that in making and entering the said report and order the Commission considered and weighed carefully, in the light of its own knowledge and experience, each fact, circumstance, and condition brought to its attention by or on behalf of the parties to the said proceeding.

The Commission further alleges that the said report and order were not made or entered either arbitrarily or unjustly, or without proof, or contrary to the relevant evidence, or without evidence to support them; that in making its said report and order the Commission did not exceed the authority conferred upon it by law; and the Commission denies each of and all the allegations to the contrary contained in the said complaint, and denies that its said report

and order are invalid or illegal for any of the reasons set forth therein, or for any other reason.

Wherefore, having fully answered, the Commission prays that the relief sought by the Secretary of Agriculture, as intervening plaintiff, be denied and that the said complaint be dismissed.

(S.) Leo H. Pou, Assistant General Counsel, Interstate Commerce Commission, Washington 25, D. C.

(S.) Edward M. Reidy, General Counsel.

[fols. 90-125] CERTIFICATE OF SERVICE (omitted in printing).

[fol. 126] IN THE DISTRICT COURT OF THE UNITED STATES  
FOR THE SOUTHERN DISTRICT OF TEXAS  
HOUSTON DIVISION

Civil Action No. 8285

and

Civil Action No. 8396

FROZEN FOOD EXPRESS, Plaintiff

EZRA TAFT BENSON, Secretary of Agriculture of the United States, Intervening Plaintiff.

VS.

UNITED STATES OF AMERICA and INTERSTATE COMMERCE COMMISSION, Defendants,

COMMON CARRIER IRREGULAR ROUTE CONFERENCE OF AMERICAN TRUCKING ASSOCIATION, et al., Intervening Defendants

OPINION OF THREE-JUDGE COURT—Dated January 26, 1955

Before HUTCHESON, Chief Circuit Judge, and CONNALLY and KENNERLY, District Judges

CONNALLY, District Judge:

Filed pursuant to Secs. 1336, 1398, and 2321-2325, of Title 28; to Sec. 1009, of Title 5; and to Sec. 305(g), of

Title 49 U.S.C.A., each of the foregoing civil actions attacks and seeks to restrain enforcement of an order of the Interstate Commerce Commission. Presenting the same question of law, and substantial identity of parties, the [fol. 127] actions were consolidated for hearing and trial. The question for determination is whether a number of different commodities, as later noted herein, all of which have their origin on the farm or ranch, fall within the scope of the so-called agricultural exemption (Sec. 303(b) (6)) of Part II of the Interstate Commerce Act (Title 49, U.S.C.A., Sec. 301, et seq.) By terms of the last-mentioned statute, motor vehicles used in carrying property consisting of "ordinary livestock, fish (including shell fish), or agricultural (including horticultural) commodities (not including manufactured products thereof)", are exempt from Interstate Commerce Commission control (save for minor exceptions not here pertinent). The plaintiff in each of the consolidated actions, being a trucking concern holding a certificate of convenience and necessity from the Commission, desires to carry some or all of the commodities in question, unrestricted by the terms of its own certificate, or by other Commission regulation. Hence the plaintiff, supported to a considerable extent in this contention by the Secretary of Agriculture of the United States, urges upon the Court a broad interpretation of the statutory language "agricultural commodities (not including manufactured products thereof)", which would have the net result of enlarging this so-called agricultural exemption. The Commission, on the other hand, and those intervenors who align themselves with the Commission, urge upon us that most of the commodities in question, by virtue of the treatment and processing which [fol. 128] they receive, either have lost their identity as "agricultural commodities," or have become "manufactured products thereof". The result of this argument is drastically to restrict the scope of the exemption.

#### *Civil Action 8285*

In June, 1948, the Interstate Commerce Commission, of its own motion, instituted a proceeding, being MC-C-968 on its docket, in the nature of an investigation, to deter-

mine the meaning and scope of the term "agricultural commodities (not including manufactured products thereof)", as used in the above-mentioned statute. The proceeding was widely noticed in the affected trades and industries. Many interested parties, including the Secretary of Agriculture of the United States, the Commissioners of Agriculture from a number of the States, associations of shippers, motor carriers, and others, intervened. After extended hearings, during which much expert testimony was offered as to the manner and method of cleaning, preparing, packaging, and otherwise processing the various commodities in question, the Commission issued its report and order entitled "Determination of Exempted Agricultural Commodities" (52 I.C.C. Reports, Motor Carrier Cases, 511-566). In such report, the Commission announced its definition of such statutory [fol. 129] term,<sup>1</sup> which definition it then undertook to apply to the various commodities under consideration, and enumerated those which it found to come within the statutory language, and those which it found to fall without.<sup>2</sup> Thereupon, the proceeding was terminated and removed from the Commission docket.

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<sup>1</sup> "In No. MC-C-968, we find that the term 'agricultural commodities' (not including manufactured products thereof)' as used in section 203 (b)(6) of the Interstate Commerce Act means: Products raised or produced on farms by tillage and cultivation of the soil (such as vegetables, fruits, and nuts); forest products; live poultry and bees; and commodities produced by ordinary livestock, live poultry, and bees (such as milk, wool, eggs, and honey), but not including any such products or commodities which, as a result of some treatment, have been so changed as to possess new forms, qualities, or properties, or result in combinations."

<sup>2</sup> "We find that the term 'agricultural commodities (not including manufactured products thereof)' as used in section 203(b)(6) includes: (1) fruits, berries, and vegetables which remain in their natural state, including those packaged in bags or other containers, but excluding those placed in hermetically sealed containers, those frozen or



[fol. 130] The plaintiff Frozen Food Express was not a party to the proceeding before the Commission. By amended complaint filed here July 12, 1954, plaintiff alleges that it desires to carry agricultural commodities (not including manufactured products thereof) for hire, to and from all points within the United States, irrespective of the limitations imposed by its own certificate; that the report of April 13, 1951, deprives plaintiff of its right to do so. Alleging that the action of the Commission, in entering the report in question, was arbitrary, capricious and unreasonable, that it constituted an abuse of discretion and a violation of the Commission's statutory powers, the plaintiff here seeks an injunction to restrain the Commission and the United States from enforcing or recognizing

quick frozen, and those shelled, sliced, shredded, or chopped up; (2) fruits, berries, and vegetables dried naturally or artificially; (3) seeds, including inoculated seeds, but not seeds prepared for condiment use or those which have been deawned, scarified or otherwise treated for seeding purposes; (4) forage, hay, straw, corn and sorghum fodder, corn cobs, and stover; (5) (a) hops and castor beans, and (b) leaf tobacco, but excluding redried tobacco leaf; (6) raw peanuts, and other nuts, unshelled; (7) whole grains, namely, wheat, rye, corn, rice, oats, barley and sorghum grain, not including dehulled rice and oats, or pearled barley; (8) (a) cotton in bales or in the seed, (b) cottonseed and flaxseed, and (c) ramie fiber, flax fiber, and hemp fiber; (9) live poultry, namely, chickens, turkeys, ducks, geese, and guineas; (10) milk, cream, and skim milk, including that which has been pasteurized, standardized milk, homogenized milk and cream, vitamin 'D' milk, and vitamin 'D' skim milk; (11) wool and mohair, excluding cleaned and scoured wool and mohair; (12) eggs, including oiled eggs, but excluding whole or shelled eggs, frozen or dried eggs, frozen or dried egg yolks, and frozen or dried egg albumin; (13) (a) trees which have been felled and those trimmed, cut to length peeled or split, but not further processed, and (b) crude resin, maple sap, bark, leaves, Spanish moss, and greenery; (14) sugar cane, sugar beets, honey in the comb, and strained honey."

ing the validity of such report; restraining interference with the plaintiff's proposed transportation of such agricultural commodities (not including manufactured products thereof), and seeks an order of this Court declaring the report of the Commission of April 13, 1951, to be null and void.

The Secretary of Agriculture has intervened, denominating himself "Intervening Plaintiff". He makes common cause with plaintiff in contending that a number of commodities<sup>3</sup> are within the exemption. Several trucking associations, and some sixty southern and western railroad companies, have intervened. These interveners take a contrary view, and support the report of the Interstate Commerce Commission.

We are of the opinion that the action may not be maintained, and must be dismissed, for the reason that the report and order of the Interstate Commerce Commission of April 13, 1951, is not an "order" subject to judicial review under any of the statutes cited. The proceeding before the Commission was not an adversary one. The order which initiated it purported to do no more than direct that an investigation be made of the meaning of the statutory language. Notice was given only to the public. When the final report and order was forthcoming some two years later, the only "order" entered was one discontinuing the proceeding and removing it from the Commission's docket. The question is controlled by *U. S. v. Los Angeles R. R. Co.* (273 U.S. 284), holding a very similar "order" of the Interstate Commerce Commission which found, after an investigation, the value of certain railroad properties, not to be subject to review. The language of Mr. Justice Brandeis, speaking for a unani-

<sup>3</sup> "(1) Slaughtered meat animals and fresh meats; (2) Dressed and cut-up poultry, fresh or frozen; (3) Feathers; (4) Raw shelled peanuts and raw shelled nuts; (5) Hay chopped up fine; (6) Cotton linters and cottonseed hulls; (7) Frozen cream, frozen skim milk, and frozen milk; (8) Seeds which have been deawned, scarified, or inoculated."

[fol. 132] mous Court there, aptly describes the order in issue here:

"The so-called order here complained of is one which does not command the carrier to do, or to refrain from doing, anything; which does not grant or withhold any authority, privilege or license; which does not extend or abridge any power or facility; which does not subject the carrier to any liability, civil or criminal; which does not change the carrier's existing or future status or condition; which does not determine any right or obligation. This so-called order is merely the formal record of conclusions reached after a study of data collected in the course of extensive research conducted by the Commission, through its employees. It is the exercise solely of the function of investigation."

The proponents of jurisdiction here rely upon *Columbia Broadcasting System v. U. S.* (316 U. S. 407). It was there held that an order of the Federal Communications Commission promulgating certain rules and regulations requiring that the Commission deny a license to broadcasting stations under certain circumstances, was subject to judicial review, upon a showing by the complaining party of strong equitable considerations. This authority is clearly distinguishable from the present case. The order there in question was entered in the exercise of the agency's rule-making power. Such orders, together with those fixing rates and those determining controversies before the administrative body, have long been recognized as subject to review (*U. S. v. Los Angeles R. R. Co.*, *supra*).

Likewise, the complaining party there showed an immediate and continuing threat of irreparable injury if the order were not reviewed. It is not so here. The statement of plaintiff that it desires to carry for hire most or all of [fol. 133] the commodities on the Commission's proscribed list, and that if it does so, the Commission likely will seek injunctive relief to restrain plaintiff, shows no basis for the intervention of a court of equity. Plaintiff will have an adequate remedy in the event of such interference.

It follows that Civil Action 8285 will be dismissed.

*Civil Action 8396:*

A complaint was filed December 23, 1953, with the Interstate Commerce Commission by East Texas Motor Freight Lines, Gillette Motor Transport, Inc., and Jones Truck Lines, Inc., charging that Frozen Food Express was and has been engaged in transporting fresh and frozen dressed poultry, and fresh and frozen meats, and meat products, for hire, between points in interstate commerce not authorized by its certificate of convenience and necessity. Frozen Food readily admitted that it had been so engaged, but defended on the theory that such products all were within the agricultural exemption. The Commission found each of these products not to be within the exemption, and ordered Frozen Food Express to cease and desist from such unauthorized transportation. The present proceeding was filed by Frozen Food Express to review that order.

While the present action was pending in this Court, the [fol. 134] Secretary of Agriculture of the United States filed with the Commission his petition for leave to intervene, pursuant to Sec. 1291, of Title 7, U.S.C.A. This request was denied; and the Secretary appears here as "Intervening Plaintiff", contending (1) that the proceedings before the Commission were null and void by reason of the failure of the Commission to notify him of the pendency thereof (Sec. 1291(a), of Title 7, U.S.C.A.); (2) that the proceedings should be remanded to the Commission by reason of its error of law in having denied him leave to intervene; and (3) that the cease and desist order should be enjoined by reason of the alleged error of the Commission in holding fresh and frozen meats, and fresh and frozen dressed poultry, to be beyond the limits of the agricultural exemption.

The rail carriers and trucking associations which intervened in Civil Action 8285, also appear in this action. They support the Commission, and oppose the position taken by the plaintiff and the Secretary of Agriculture.

Armour & Company, being engaged at various points in the United States in the slaughter of livestock and the kill-

<sup>5</sup> Plaintiff has abandoned the contention that meat products are within the agricultural exemption, and this commodity will not be further considered here.



ing, dressing, and sale of poultry, has intervened, urging that dressed poultry is an exempt commodity, that meat is not.

The position taken by the Secretary of Agriculture that the proceeding before the Commission was null and void in its entirety by reason of the failure of the Commission to give him notice thereof need not long detain us. The proceeding there was not one with respect to "rates, charges, [fol. 135] tariffs, and practices" relating to the transportation of farm products, and hence was not one of which the Secretary was entitled to notice under the statute (Sees. 1291 and 1622, of Title 7, U.S.C.A.). *U. S. v. Pa. R. R. Co.* (242 U. S. 208); *B. & O. R.R. Co. v. U. S.* (277 U. S. 292); *Mo. Pac. R.R. Co. v. Norwood* (283 U. S. 249). The Commission likewise did not commit an error of law in denying the Secretary's Petition of Intervention, filed there while the present proceeding was pending here.

Most able and exhaustive treatment is given the question now before us, in so far as it concerns dressed poultry, by Judge Graven of the United States District Court for the Northern District of Iowa, in *I.C.C. v. Kroblin* (113 F. Supp. 599; aff. 212 F. 2d 555, cert. den. Oct. 14, 1954). Reviewing the long struggle between the Interstate Commerce Commission in its efforts to restrict the application of the exemption in question, and the Department of Agriculture and others in seeking to expand it; reviewing the legislative history of the Motor Carrier Act of 1935, and various proposed amendments thereto; and considering the congressional intent which prompted the insertion of the agricultural exemption, Judge Graven concluded that dressed poultry constituted an "agricultural commodity", and did not constitute a "manufactured product thereof". Hence, such commodity was within the exemption. It is sufficient to state that we agree with those conclusions as to fresh and frozen dressed poultry.

Counsel for the Commission argues that this Court should [fol. 136] disregard the *Kroblin* case, on the argument that the only question before us is one of the adequacy of the evidence before the Commission. It is said that the order which was entered was one within the general purview of the Commission's authority, and that if its findings are supported by "substantial evidence", this Court has no

alternative but to leave it undisturbed. While we do not quarrel with such statement as a general proposition of law, the argument is not convincing in its application to the present record. The primary facts before the Commission were without dispute and were the subject of stipulation. Reduced to simplest form, they showed that before a chicken or duck became "dressed poultry", the bird was killed, his feathers and entrails removed, he was chilled, and in some cases frozen, packaged, etc. In addition, such "facts" consisted of evidence of so-called "expert" nature, that this treatment or processing of the chicken or duck rendered him a "manufactured product".

It is apparent that there is only one ultimate finding called for, namely, whether under the type of processing reflected by the record, the product falls within the statutory definition. The question then is a mixed one of law and fact, calling for the application of the processes of legal reasoning and of principles of statutory construction. The fact that the Commission's findings are supported by an "expert" who gives his opinion that a dressed chicken is a manufactured product, does not foreclose the question, [fol. 137] nor remove it from the scope of judicial review. *Baumgartner v. U. S.* (322 U. S. 665); *Lehmann v. Acheson* (206 F. 2d 592, 30); *Galena Oaks Corp. v. Scofield* — F. 2d —, 50, Dec. 29, 1954, as yet unreported).

In our opinion, fresh and frozen meat does not fall within the category either of "ordinary livestock" or of "agricultural commodities", and hence is not within the exemption. Since the enactment of Part II of the Interstate Commerce Act in 1935, motor vehicles used exclusively in carrying "livestock, fish (including shell fish), or agricultural commodities (not including manufactured products thereof)", have been exempt. By amendment in 1940, the term "ordinary" was inserted immediately before the word "livestock". The term "ordinary livestock" is defined in Sec. 20(11) of the Act as "all cattle, swine, sheep, goats, horses, and mules, except such as are chiefly valuable for breeding, racing, show purposes, or other special uses".

Referring only to the live animals, "ordinary livestock" may not be tortured to include the carcasses of slaughtered meat animals, or the meat which is the product of butchering. Meat has been regarded generally in the industry as

a controlled commodity for some twenty years. Congress has dealt with the agricultural exemption on many occasions. Considering the ease with which the Congress might have added appropriate language to evidence its intent to exempt fresh or frozen meat from Interstate Commerce Commission control, if it so desired, the absence of such language indicates that no such intent was entertained.

[fol. 138] Nor may meat, fresh or frozen, be considered an "agricultural commodity" for present purposes. The exemption has treated the live meat animal in a separate generic class from "agricultural commodity" since the enactment of the statute; and if the live animal, on entering the slaughter pen or the packing house, is not an "agricultural commodity", we are unable to see how he becomes one on emerging therefrom in the form of beef or pork. The Commission was correct, in our opinion, in holding fresh and frozen meat to be non-exempt.

The enforcement of the order of the Interstate Commerce Commission, MC-C-1605; *East Texas Motor Freight Lines, Inc., et al. v. Frozen Food Express*, is enjoined and restrained in so far as said order interfered with, enjoins or restrains the plaintiff Frozen Food Express from transporting fresh and frozen dressed poultry in interstate commerce (when the motor vehicles used in carrying such poultry are not used for carrying any other property or passengers for compensation). Other relief sought by plaintiff is denied.

Clerk will notify counsel.

Done at Houston, Texas, this 26th day of January, 1955.

(S.) Joseph C. Hutcheson, Jr., Chief Judge, Fifth Circuit; (S.) Ben C. Upmally, United States District Judge; (S.) T. M. Kennerly, United States District Judge, Concurring in Part and Dissenting in Part.

[fol. 139] KENNERLY, District Judge:

Concurring in part and dissenting in part.

I concur with all the foregoing opinion except the decision in Civil Action 8396 with respect to fresh meat and frozen meat. As to that I respectfully dissent.

I think all of Section 303(b) should be given a broad and

liberal construction, and that Section 303(b)(6) should be construed as including fresh meat and frozen meat. I think we should not only follow the reasoning of both the District Court and Court of Appeals in the *Kroblin* case with respect to dressed poultry and frozen dressed poultry, but that what is said is also applicable to fresh meats and frozen meats.

(S.) T. M. Kennerly, Judge.

[fol. 140] IN THE UNITED STATES DISTRICT COURT  
SOUTHERN DISTRICT OF TEXAS  
HOUSTON DIVISION

Civil Action

No. 8396

FROZEN FOOD EXPRESS, ET AL., Plaintiffs,

v.

UNITED STATES OF AMERICA, INTERSTATE COMMERCE  
COMMISSION, ET AL.,

FINAL JUDGMENT—Filed February 23, 1955

This action, to enjoin and set aside an order of the Interstate Commerce Commission, having come on for final hearing on November 16, 1954, before a duly constituted three-judge District Court, convened pursuant to Sections 2284 and 2321-2325, Title 28, United States Code, consisting of the undersigned judges; and the Court having considered the pleadings and evidence, and the briefs and arguments of counsel for the respective parties, and being fully advised in the premises; and having on January 26, 1955, filed herein its opinion, containing its findings of fact and conclusions of law; now, in accordance with the said opinion, findings, and conclusions, it is hereby

Ordered, Adjudged, and Decreed as follows:

(1) The defendants, the United States of America and the Interstate Commerce Commission, be and they hereby



are enjoined and restrained from enforcing the order of the said Commission entered July 13, 1954, in a proceeding docketed by the Commission as No. MC C-1605, and entitled "East Texas Motor Freight Lines, Inc., et al. v. Frozen Food Express", insofar as the said order requires the [fol. 141] said Frozen Food Express to cease and desist from transporting, or interfering with its transportation of, fresh and frozen dressed poultry in interstate commerce for compensation unless the motor vehicle used in the carrying of such poultry is at the same time being used to carry for compensation passengers or other property not within the exemption provided in section 203(b)(6) of the Interstate Commerce Act (49 U.S.C. 303(b)(6)); and

(2) All other relief sought by the plaintiffs herein, including the Secretary of Agriculture as intervening plaintiff, he, and the same hereby is, denied.

This the ——— day of February, 1955.

J. C. Hutcheson, Chief Judge, United States Court of Appeals for the Fifth Circuit; Ben C. Connally, United States District Judge; T. M. Kennerly, United States District Judge.

[fol. 142]. APPROVAL OF FORM OF JUDGMENT

The undersigned, as attorneys of record for parties to this civil action, hereby indicate their approval of the form of the annexed and foregoing judgment.

Carl L. Phinney, Attorney for Frozen Food Express, Plaintiff; Walter D. Matson, Attorney for Ezra Taft Benson, Secretary of Agriculture, Intervening Plaintiff; James E. Kilday, Attorney for the United States of America, Defendant; Leo H. Pou, Attorney for the Interstate Commerce Commission, Defendant; Francis W. McInerney, Attorney for East Texas Motor Freight Lines, et al., Intervening Defendants.

[fol. 143]

[File endorsement omitted]

IN THE UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF TEXAS,  
HOUSTON DIVISION

[Title omitted]

NOTICE OF APPEAL TO THE UNITED STATES SUPREME COURT  
BY CLASS I RAILROADS—Filed April 10, 1955

## I

Notice is hereby given that the Class I railroads, a list of which is attached hereto, and made a part hereof, as Appendix A, intervening defendants in support of defendant Interstate Commerce Commission in the above-styled civil action, hereby appeal to the Supreme Court of the United States from that portion of the final judgment, entered in this action on February 23, 1955, which restrains and enjoins the Interstate Commerce Commission from enforcing its order in MC-C-1605, *East Texas Motor Freight Lines, Inc., et al v. Frozen Food Express*, in respect to the transportation by Frozen Food Express of fresh and frozen dressed poultry in Interstate Commerce (when the motor vehicles used in carrying such poultry are not used for carrying any other property or passengers for compensation).

This appeal is taken pursuant to 28 U.S.C.A. 1253 and 2101(b).

## II

It is agreed by the intervening defendant railroads appealing herein that the record on appeal shall consist of the transcript of the record as requested by the defendant Interstate Commerce Commission in its Notice of Appeal [fol. 144] in this action, in which transcript the clerk will please include this Notice of Appeal.

## III

The following questions are presented by this appeal:

(1) Whether the district court was in error in holding that fresh and frozen dressed poultry are "agricultural commodities" and not "manufactured products thereof" within

the meaning of Section 203(b)(6) of the Interstate Commerce Act (49 U.S.C.A. 303 (b)(6)).

(2) Whether the district court, in enjoining enforcement of and setting aside so much of the Commission's Order as relates to fresh and frozen dressed poultry, was in error in failing to give adequate weight to the interpretation given by the Interstate Commerce Commission to Section 203(b)(6) of Part II of the Interstate Commerce Act in view of the fact that the Commission has been given extensive responsibilities by the Congress of the United States of America in the interpretation and administration of the Act so as to promote sound conditions in transportation in conformity with the objectives of the National Transportation Policy.

(S.) Margaret P. Allen, 1740 Suburban Station Building, Philadelphia 4, Pennsylvania; (S.) Edwin N. Bell, Esperson Building, Houston, Texas; (S.) Joseph H. Hayes, 280 Union Station Building, Chicago 6, Illinois; (S.) Carl Helmetag, Jr., 1740 Suburban Station Building, Philadelphia 4, Pennsylvania; (S.) James W. Nisbet, 280 Union Station [fols. 145-146] Building, Chicago 6, Illinois; (S.) Charles P. Reynolds, Shoreham Building, Washington 5, D.C.; Attorneys for Class I Railroads, Intervening Defendants.

CERTIFICATE OF SERVICE (omitted in printing)

[fol. 147]

#### APPENDIX "A"

##### List of Class I Railroads

The below listed Railroads are the individual carriers which, together, are designated in the Notice of Appeal as "Class I Railroads," the intervening defendants appealing herein. When used, the term "Class I Railroads" includes each of these named Railroads:

The Atchison, Topeka & Santa Fe Railway Company.

## List of Class I Railroads—Continued

- Atlantic Coast Line Railroad Company.  
 Chicago & Illinois Midland Railway Company.  
 Chicago and Northwestern Railway Company.  
 Chicago, Burlington & Quincy Railroad Company.  
 Chicago Great Western Railway Company.  
 Chicago, Milwaukee, St. Paul and Pacific Railroad Company.  
 Chicago, Rock Island and Pacific Railroad Company.  
 The Denver and Rio Grande Western Railroad Company.  
 Duluth, South Shore and Atlantic Railway Company  
 (P. L. Solether, Trustee).  
 Elgin, Joliet and Eastern Railway Company.  
 Florida East Coast Railway Company (John W. Martin,  
 Trustee).  
 Fort Dodge, Des Moines & Southern Railway Company.  
 Great Northern Railway Company.  
 Green Bay & Western Railroad Company.  
 Gulf, Mobile and Ohio Railroad Company.  
 Illinois Central Railroad Company.  
 The Kansas City Southern Railway Company.  
 Midland Valley Railroad Company.  
 The Minneapolis & St. Louis Railway Company.  
 Minneapolis, St. Paul & Sault Ste. Marie Railroad Com-  
 pany.  
 Missouri-Kansas-Texas Railroad Company.  
 Missouri Pacific Railroad Company (Guy A. Thompson,  
 Trustee).  
 The Nashville, Chattanooga & St. Louis Railway.  
 Northern Pacific Railway Company.  
 St. Louis-San Francisco Railway Company.  
 St. Louis Southern Railway Company.  
 Seaboard Airline Railroad Company.  
 Southern Railway Company.  
 Southern Pacific Company.  
 The Texas and Pacific Railway Company.  
 Toledo, Peoria & Western Railroad.  
 Union Pacific Railroad Company.  
 Wabash Railroad Company.  
 The Western Pacific Railroad Company.



[fol. 148]

[File endorsement omitted]

IN THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN  
DISTRICT OF TEXAS HOUSTON DIVISION

[Title omitted]

NOTICE OF APPEAL TO THE UNITED STATES SUPREME COURT  
BY INTERSTATE COMMERCE COMMISSION—Filed April 20,  
1955

## I

Notice is hereby given that the Interstate Commerce Commission, a defendant in the above-styled civil action, hereby appeals to the Supreme Court of the United States from that part of the final judgment herein entered on February 23, 1955, whereby the Interstate Commerce Commission was enjoined and restrained from enforcing its order of July 13, 1954, respecting the transportation by Frozen Food Express of fresh and frozen dressed poultry in interstate commerce for compensation, the said order having been entered in a proceeding bearing the Commission's docket No. MC-C-1605, and entitled *East Texas Motor Freight Lines et al. v. Frozen Food Express*.

This appeal is taken pursuant to 28 U.S.C. 1253 and 2101(b).

[fol. 149]

## II

The clerk will please prepare a transcript of the record in this cause, for transmission to the Clerk of the Supreme Court of the United States, and include in said transcript the following:

(a) Complaint filed August 2, 1954, by Frozen Food Express, plaintiff, including exhibits A and B thereto attached;

(b) Order constituting a three-judge court to try the case;

(c) Answer of Interstate Commerce Commission;

(d) Answer of United States of America;

(e) Motion for leave to intervene and complaint in intervention, including appendices A, B, and C, filed by Ezra Taft Benson, Secretary of Agriculture;

(f) Notation allowing Secretary of Agriculture to intervene;

(g) Answer of Interstate Commerce Commission to the complaint of the Secretary of Agriculture as intervening plaintiff;

(h) Intervention and answer of East Texas Motor Freight Lines, Gillette Motor Transport, Inc., and Jones Truck Lines, Inc.;

(i) Answer of East Texas Motor Freight Lines, Inc., et al., to the complaint of the Secretary of Agriculture;

(j) Motion for leave to intervene as defendant, filed by Common Carrier Irregular Route Conference of the American Trucking Associations, Inc.;

(k) Answer of Common Carrier Irregular Route Conference of the American Trucking Associations, Inc., to original complaint;

(l) Motion for leave to intervene as defendant, filed by American Trucking Associations, Inc.;

[fol. 150] (m) Answer of American Trucking Associations, Inc., with leave of court thereon;

(n) Order of October 6, 1954, amending original order constituting the three-judge court;

(o) Answer of Common Carrier Irregular Route Conference of American Trucking Associations, Inc., to complaint of Secretary of Agriculture;

(p) Motion of Atchison, Topeka & Santa Fe Railway Company et al., for leave to intervene;

(q) Stipulation as to intervention of Atchison, Topeka & Santa Fe Railway Company et al., and order allowing intervention;

(r) Answer of Atchison, Topeka & Santa Fe Railway Company et al.;

(s) Application of Atlantic Coast Line Railroad et al., for leave to intervene;

(t) Order allowing intervention of Atlantic Coast Line Railroad et al.;

(u) Answer of Atlantic Coast Line Railroad et al.;

(v) Motion of Armour & Company for leave to intervene;

(w) Order granting Armour & Company leave to intervene;

(x) Plea in intervention, filed by Armour & Company;

(y) Motion for judgment on the pleadings, filed by the United States of America, as defendant, and the Secretary of Agriculture, as intervening plaintiff;

(z) Motion for leave to intervene and plea in intervention of Contract Carriers Conference of American Trucking Associations, Inc., in open court;

(aa) Certified transcript of proceedings before the Interstate Commerce Commission in its docket No. MC-C-1605, introduced in evidence at the trial of this case;

[fol. 15] (bb) Order of submission on November 16, 1954;

(cc) Opinion of the court, filed January 26, 1955;

(dd) Final judgment, entered February 23, 1955;

(ee) This notice of appeal.

### III

The following questions are presented by this appeal:

(1) Did the district court erroneously hold that both fresh dressed poultry and frozen dressed poultry are "agricultural commodities" and not "manufactured products thereof", within the meaning of section 203(b)(6) of the Interstate Commerce Act (49 U.S.C. 303(b)(6))?

(2) Did the district court, in setting aside and enjoining enforcement of the Commission's order insofar as it relates to fresh and frozen dressed poultry, erroneously substitute its opinion and judgment for that of the Commission upon administrative questions properly within the Commission's province to decide?

(3) Did the district court, in setting aside and enjoining enforcement of the Commission's order insofar as it relates to fresh and frozen dressed poultry, erroneously disregard or act contrary to the well-established principle of administrative law that an order of the Commission must be sustained by a reviewing court if within the scope of a statute the Commission is authorized to administer and enforce and if based upon adequate findings supported by substantial evidence on the whole record?

(S.) Edward M. Reidy, General Counsel; (S.) Leo H. Pou, Assistant General Counsel, Attorneys for Interstate Commerce Commission, Washington 25, D.C.

[fols. 152-153] CERTIFICATE OF SERVICE (omitted in printing).

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[fol. 154] SUPPLEMENTAL CERTIFICATE OF SERVICE OF NOTICE OF APPEAL BY CLASS I RAILROADS (Omitted in Printing)

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[fol. 155] IN THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF TEXAS, HOUSTON DIVISION

[Title omitted]

NOTICE OF APPEAL TO THE UNITED STATES SUPREME COURT by East Texas Motor Freight Lines, Gillette Motor Transport, Jones Truck Lines, Inc., American Trucking Association, Inc., Common Carrier Conference Irregular Route and Contract Carrier Conference Thereof, Intervening Defendants—Filed April 22, 1955

# I

Notice is hereby given that East Texas Motor Freight Lines, Gillette Motor Transport, Jones Truck Lines, Inc., American Trucking Association, Inc., the Common Carrier Conference Irregular Route and the Contract Carrier Conference thereof, intervening defendants in the above-captioned proceeding, hereby appeal to the Supreme Court of the United States from that portion of the final judgment entered in this action on February 23, 1955 wherein the Interstate Commerce Commission was enjoined and restrained from enforcing its order, dated July 13, 1954, in a proceeding bearing Docket Number MC-C-1605 and entitled *East Texas Motor Freight Lines, Inc., et al. v. Frozen Food Express*, insofar as said order requires respondent Frozen Food Express to cease and desist from transporting fresh and frozen dressed poultry in interstate commerce for compensation.

This appeal is taken pursuant to Sections 1253 and 2101 (b) of the Judicial Code, 28 U.S.C.A. §§ 1253 and 2101(b).



## II

The designation of the portions of the record to be certified by the clerk contained in the Notice of Appeal filed by the Interstate Commerce Commission is adopted and hereby incorporated by reference.

## III

The following questions are presented by this appeal:

Did the United States District Court for the Southern District of Texas err in its judgment rendered February 23, 1955, insofar as it enjoined and restrained the Inter-[fol. 156] state Commerce Commission from enforcing its order, dated July 13, 1954, in a proceeding bearing Docket Number MC-C-1605 and entitled *East Texas Motor Freight Lines, Inc., et al. v. Frozen Food Express*, insofar as said order requires respondent Frozen Food Express to cease and desist from transporting fresh and frozen dressed poultry in interstate commerce for compensation?

Did the United States District Court for the Southern District of Texas err in its judgment rendered February 23, 1955, insofar as it found that fresh and frozen dressed poultry were "agricultural (including horticultural) commodities (not including manufactured products thereof)" within the meaning of Section 203(b)(6) of the Interstate Commerce Act, 49 U.S.C.A. § 303(b)(6), and hence transportable by motor vehicles not subject to economic regulations by the Commission?

Did the United States District Court for the Southern District of Texas err in its judgment rendered February 23, 1955, insofar as the Court exceeded its proper function in reviewing the action of the Interstate Commerce Commission in its proceeding in Docket Number MC-C-1605, *East Texas Motor Freight Lines, Inc., et al. v. Frozen Food Express*, for which there was warrant in the law and the facts?

Did the United States District Court for the Southern District of Texas err in its judgment rendered February 23, 1955, in setting aside and enjoining the enforcement of the Commission's order, dated July 13, 1954, in Docket Number MC-C-1605, *East Texas Motor Freight Lines, Inc., et al. v. Frozen Food Express*, insofar as it relates

to fresh and frozen dressed poultry, erroneously substitute its opinion and judgment for those of the Commission upon questions properly left to the Commission to decide?

Respectfully submitted,

Rolland E. Kidwell, Attorney for appellants; Callaway, Reed, Kidwell & Brooks, 301 Empire Bank Building, Dallas 1, Texas; Francis W. McInerney, Attorney for East Texas Motor Freight Lines, Gillette Motor Transport, and Jones Truck Lines, Inc.; Macleay, Lynch and Macdonald, 1625 K Street, N.W., Washington, D. C.; Peter T. Beardsley, Fritz R. Kahn, Attorneys for American Trucking Associations, Inc., 1424 Sixteenth Street, N.W., Washington 6, D.C.; Clarence D. Todd, Dale C. Dillon, Attorneys for Common Carrier Conference Irregular Route and Contract Carrier Conference of the American Trucking Association, Inc.; Todd, Dillon and Curtiss, 944 Washington Building, Washington 5, D. C.

[fol. 157] CERTIFICATE OF SERVICE (Omitted in Printing)

[fol. 158] Clerk's Certificate to foregoing transcript omitted in printing.

[fol. 159] SUPREME COURT OF THE UNITED STATES

ORDER NOTING PROBABLE JURISDICTION—October 10, 1955

Appeals from the United States District Court for the Southern District of Texas.

The statements of jurisdiction in these cases having been submitted and considered by the Court, probable jurisdiction is noted.

October 10, 1955.

[fol. 1] BEFORE THE INTERSTATE COMMERCE COMMISSION

EAST TEXAS MOTOR FREIGHT LINES, GILLETTE MOTOR TRANSPORT, INC., JONES TRUCK LINES, INC., Complainants

vs.

FROZEN FOOD EXPRESS, Defendant

STIPULATION—February 25, 1954

The parties, by their attorneys, herewith stipulate as follows, and agree that the stipulation shall serve as the answer of the Defendant and that it, together with the exhibits attached hereto or incorporated by reference, shall be the evidence in this proceeding:

I

That the following facts are true and shall be admitted in evidence in this case:

1. That East Texas Motor Freight Lines is a corporation with general offices at Dallas, Texas; has been at all times herein mentioned a motor common carrier of property subject to Part II of the Interstate Commerce Act; is the holder of certificates of public convenience and necessity issued in Docket No. MC-41432; that Exhibit 1, attached hereto, correctly states that authority and may be admitted in evidence; that a portion of that authority, and its operations conducted pursuant thereto, are competitive with those operations of the Defendant complained of in this action.

[fol. 2] 2. That Gillette Motor Transport, Inc., is a corporation with general offices at Dallas, Texas; has been at all times herein mentioned a motor common carrier of property subject to Part II of the Interstate Commerce Act; is the holder of certificates of public convenience and necessity issued in ~~Docket~~ No. MC-2309; that Exhibit 2 attached hereto, correctly states that authority and may be admitted in evidence; that a portion of that authority, and its operations conducted pursuant thereto, are competitive with those operations of the Defendant complained of in this action.



3. That Jones Truck Lines, Inc., is a corporation with general offices at Springdale, Arkansas; has been at all times herein mentioned a motor common carrier of property subject to Part II of the Interstate Commerce Act; is the holder of certificates of public convenience and necessity issued in Docket No. MC-111231; that Exhibit 3, attached hereto, correctly states that authority and may be admitted in evidence; that a portion of that authority and its operations conducted pursuant thereto, are competitive with those operations of the Defendant complained of in this action.

4. That Frozen Food Express, hereinafter called defendant, is a corporation with general offices at Dallas, Texas; has been at all times herein mentioned a motor common carrier of property subject to Part II of the Interstate Commerce Act; is the holder of certificates of public convenience and necessity issued in Docket No. MC-108207; that Exhibit 4, attached hereto, correctly states that authority and may be admitted in evidence.

5. That Defendant has held itself out in the past, is now holding itself out, and intends to continue to hold itself [fol. 3] out, to offer to the shipping public its motor common carrier service in the transportation for hire in interstate commerce of fresh and frozen meats and fresh and frozen poultry, to, from, and between various points, which operations are not specifically authorized in Defendant's certificates of public convenience and necessity, Exhibit 4.

6. That Defendant has transported for hire in interstate commerce as a carrier by motor vehicle shipments consisting of fresh meats, frozen meats, fresh poultry, and frozen poultry without such service being specifically authorized in Defendant's certificates of public convenience and necessity, including the examples specified in paragraphs 7 through 13, below.

7. Defendant, on or about September 19, 1953, accepted for transportation and did transport for compensation in interstate commerce approximately 23,061 pounds of fresh beef from Fort Worth, Texas, to Toledo, Ohio.

8. Defendant, on or about September 25, 1953, accepted for transportation and did transport for compensation in interstate commerce approximately 23,890 pounds of dressed poultry from Bentonville, Arkansas, to Turlock, California.



9. Defendant, on or about October 14, 1953, accepted for transportation and did transport for compensation in interstate commerce approximately 29,967 pounds of veal trimming from Fort Worth, Texas, to Cincinnati, Ohio.

10. Defendant, on or about October 26, 1953, accepted for transportation and did transport for compensation in interstate commerce approximately 26,325 pounds of beef and mutton from San Antonio, Texas, to Cincinnati, Ohio.

[fol. 4] 11. Defendant, on or about October 31, 1953, accepted for transportation and did transport for compensation in interstate commerce approximately 25,674 pounds of cut-up poultry from Fayetteville, Arkansas, to Norwood, Dayton, and Columbus, Ohio.

12. Defendant, on or about November 3, 1953, accepted for transportation and did transport for compensation in interstate commerce approximately 25,276 pounds of dressed poultry from Fayetteville, Arkansas, to Columbus, Ohio.

13. Defendant, on or about November 6, 1953, accepted for transportation and did transport for compensation in interstate commerce approximately 23,900 pounds of frozen turkeys from Bentonville, Arkansas, to Louisville, Kentucky.

14. That Defendants's conduct and actions in offering to transport and in transporting shipments of fresh meats, frozen meats, fresh poultry, and frozen poultry, as described in paragraphs 5 through 13, above, has diverted and will continue to divert from the Complainants herein business in which they would ordinarily participate, thus reducing their revenues and their profits.

15. That Defendant defends against this complaint upon the single proposition that the operations complained of are subject to the partial exemption of Section 203(b)(6) of the Interstate Commerce Act, in that fresh meat, frozen meat, fresh dressed poultry, and frozen dressed poultry, are not "manufactured products" of "agricultural commodities."

[fol. 5]

## II

That the following facts are true and may be admitted in evidence, and the exhibits herein identified are authentic and may be admitted in evidence, these facts and exhibits

being offered particularly as evidence of the meaning of the words, "agricultural commodities (except manufactured products thereof)," as used by Congress in Section 203(b)(6), Part II, Interstate Commerce Act, 49 U.S.C. 303(b)(6), in the year of its enactment, 1935, and prior thereto, and also for any other relevant purpose in this proceeding.

16. That in years prior to 1935 and particularly in 1929, 1930, 1931, 1932, and 1933, the U. S. Department of Labor, Bureau of Labor Statistics, as authorized by Congress, caused to be prepared and printed by the Government Printing Office, monthly reports entitled, "Wholesale Prices of Commodities" in which each commodity was classified by Economic Groups, a standard classification being employed in each monthly issue, as follows:

Group I—Farm Products.

Group II—Foods.

• Group III—Hides and Leather Products.

Group IV—Textile Products.

Group V—Fuel and Lighting.

Group VI—Metals and Metal Products.

Group VII—Building Materials.

Group VIII—Chemicals and Drugs.

Group IX—House Furnishing Goods.

Group X—Miscellaneous;

[fol. 6] that is said classification cattle, hogs, sheep and poultry, when live, were classified as "Farm Products" but that fresh meats, including beef, lamb, mutton, pork and veal, and "Poultry, dressed" were classified as "Foods"; and that Exhibit 5, hereto, is an accurate copy of the pertinent portion of the issue of January, 1929, evidences the facts aforesaid, and may be admitted in evidence.

17. That in the year 1933, the National Recovery Administration, Bureau of Economic Research and Planning, as authorized by Congress, prepared and caused to be printed by the Government Printing Office a "Code for Industrial Classification," being a systematic classification by commodities of business and industry; that said classi-



fication included divisions and sections, among others the following:

• “Division A. Agriculture, Forestry, and Animal Husbandry

• • • • •  
“Division H. Manufacturing.

Section I. Food and Kindred Products;”

that Division A., Code 001. “Agriculture,” included:

“Stock farming. Cattle, hogs, horses, sheep, etc., Bee culture (apiaries); poultry; \* \* \*”;

and Division H, Section I, Code 069. “Meat Packing” included the following classifications

“Meat Packing. This classification covers establishments engaged in both slaughtering cattle, hogs, sheep, or other animals, and preserving all or a part of the raw stock by canning, salting, smoking, or otherwise curing it for the trade; establishments which purchase raw stock from slaughterhouses and preserve it; includes lard.”;

[fol. 7] that Division II, Section I. “Food and Kindred Products,” also included as Code 074: “All other food products,” which, in turn, included the following classification:

“Poultry killing, dressing, and packing, wholesale;” and that Exhibit 6 hereto is an accurate copy of pages 1, 12 and 13 of the specified publication, evidences the facts aforesaid, and may be admitted in evidence.

18. That in the year 1932, the U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, prepared and caused to be published by the Government Printing Office, as it had previously and has since continued to publish, as directed by Congress, in the Tariff Act approved June 17, 1930, “Schedule A, Statistical Classification of Imports into the United States”, effective January 1, 1933; being a systematic classification of commodities for use in administering the tariff laws; that in said classification

there was "Group 00—Animal and Animal Products, Edible", which group included sub-groups as follows:

"A. Animals, edible, Except for Breeding,"

and

"B. Meat Products";

that "Poultry, live" was assigned to sub-group "A" and that "Birds, including poultry—dead, dressed, or undressed—" was classified with "Fresh, chilled, or frozen" beef, veal, pork, mutton, lamb, goat meat, reindeer meat, venison" and other meats, under sub-group B, "Meat Products"; and that Exhibit 7, hereto, is an accurate copy of two pages of the document above described, evidences the facts aforesaid, and may be admitted in evidence.

[fol. 8] 19. That the U. S. Department of Commerce, Bureau of the Census, pursuant to direction by Congress, has published periodically a "Census of Manufactures," including publications at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939; that the said Bureau prepared a classification of industries by commodities, "Industry Classifications for the 'Census of Manufactures: 1933'" being a system for classification of reports for manufacturing establishments "by the assignment of each to the particular industry to which it belongs . . ."; printed in 1934 by the Government Printing Office; that in the said "Industry Classifications" there were the following specific classifications:

"Industry No. 123—Meat Packing, wholesale;" and

"Industry No. 126—Poultry killing, dressing, and packing, wholesale";

that these two industries, with others were included within "Industry Group 1—Food and Kindred Products" as *manufacturing industries*; and that Exhibit 8, hereto, is an accurate copy of four pages of the above-described "Industry Classifications for the Census of Manufactures: 1933," evidences the aforesaid facts, and may be admitted in evidence.

20. That the U. S. Department of Commerce, Bureau of the Census, prepared and published in 1934 for the calen-



dar 1933, "Foreign Commerce and Navigation of the United States"; that in said publication imports of merchandise into the United States were classified as to articles "in the order of Schedule A, Statistical Classification of Imports," and reported as to country of origin and volume; that in said classification and publication live meat animals were classified as "animals, edible" and beef, [fol. 9] veal, pork, mutton, lamb, other fresh meats, dead turkeys, other dead poultry, prepared poultry; and other articles were classified as "Meats"; that at page 516 there is Summary Table of Foreign Commerce "No. XV—Values of General Imports of Merchandise, By Articles, Grouped According to Degree of Manufacture and Uses (Economic Classes), Calendar Years 1932 and 1933," in which "Meats," as above defined, is further classified as dutiable under "Class C.—*Manufactured Foodstuffs*"; that Exhibit 9 hereto, is an accurate copy of pages 199-202, and 515 and 516, of said publication, evidences the facts aforesaid, and may be admitted in evidence.

21. That Schedule A, the Statistical Classification of Commodities Imported Into the United States, published by the U. S. Department of Commerce, Bureau of the Census, August 1, 1950, edition, corrected to May 1, 1952, still being published pursuant to the Tariff Act approved June 17, 1930, now uses commodity Group and Sub-Group Code Designations in which animals and their edible products are separately classified, at Page VIII as

| Description  | Schedule A<br>Commodity Code No. | Sub-Group<br>Code No. |
|--|----------------------------------|-----------------------|
| "Group 00.—Animals and Animal<br>Products, edible: |                                  |                       |
| "Animals, edible, except for breeding              | 0010600-0015500                  | 1                     |
| "Meat Products                                     | 0018000-0035500                  | 20                    |

that Group 00, Animal and Animal Products, edible, includes a classification of commodities in which "Fresh, chilled or frozen: beef, veal, pork, mutton, lamb, goat meat, reindeer meat, venison" and other meat products, and "Birds, including poultry, dead, dressed, or undressed" [fol. 10] are described as "Meat Products" and assigned "Economic Class" (4); that at Page XIX, a "Code Classi-

fication of Economic Classes" is provided in which "Meat Products," as above described, is shown under Economic Class 4; that Economic Class 4 is entitled, "Agricultural *Manufactured* Foodstuffs and Beverages;" and that Exhibit 10, hereto, consisting of pages from the above-described publication, are true copies thereof, evidence the facts described above and may be admitted in evidence.

22. That the U. S. Department of Commerce, Bureau of the Census, caused to be prepared and published by the Government Printing Office in 1950, a "Product Supplement" to the "Census of Manufactures: 1947;" that the said 1947 Census of Manufactures covered all establishments primarily engaged in manufacturing as defined in the Standard Industrial Classification Manual, Volume I, dated 1947, and excluded types of activities defined as non-manufacturing; that the "Product Supplement" classifies meat packers as *manufacturers* and classifies the commodities produced by manufacturers of meat products as including:

- "Fresh beef,"
- "Fresh veal,"
- "Fresh lamb and mutton,"
- "Fresh pork,"
- "Hides, skins, and pelts,"
- "Other slaughtering plant products,"
- "Pork, processed and cured,"
- "Miscellaneous cured meats and casings,"
- "Chicken and fowl, New York dressed,"
- "Other poultry, New York dressed,"
- [fol. 11] "Chicken and fowl, eviscerated,"
- "Other poultry, eviscerated,"

and that Exhibit 11 hereto, is a true copy of portions of the document above-described, evidence the above-described facts, and may be admitted in evidence.

23. That the Executive Office of the President, Bureau of the Budget, from time to time has prepared and caused to be printed industrial classifications, as part of the continuing inter-departmental program to achieve standard nomenclature; that under date of 1940 a "Standard Industrial Classification" was produced by the "Technical Committee on Industrial Classification"; that copies of



pertinent pages of "Volume I, 'Manufacturing Industries'" are attached hereto as Exhibit 12; that Exhibit 12 shows that products of "Meat Packing, Wholesale" are classified as products of "*Manufacturing*" establishments; that Exhibit 12 is a correct copy of the described portion of the above-described document, evidences the above-stated facts and may be admitted in evidence.

24. That in construction of the classification program referred to in paragraph 23, above, technical paper No. 26 containing a "Standard Classified List of Commodities" was prepared by the Technical Committee on Standard Commodity Classification, representing the Bureau of the Budget, the War Production Board and the Procurement Division of the Department of the Treasury, and printed by the Government Printing Office in 1943; that "Major Group 61—Food, Manufactured" therein classified as *manufactured foods* the generic group, "Meat Products", including specifically "meats, fresh, chilled or frozen"; "meats cured", "meats canned", "sausage, not canned", [fol. 12] "meat preparations, not canned", "poultry dressed, fresh and frozen", "poultry, prepared or preserved, except frozen", "venison, reindeer, rabbits, and other game", and "miscellaneous meat products; and that Exhibit 13 hereto contains correct copies of pertinent pages therefrom, evidences the above-stated facts, and may be admitted in evidence.

25. That "Standard Industrial Classification Manual, Volume 1: Manufacturing Industries, Part 1, Titles and Descriptions of Industries," prepared by the Technical Committee on Industrial Classification, Division of Statistical Standards, under the direction of the Bureau of the Budget, printed by the Government Printing Office, under date of November 1945, reaffirms the classification of meat packing and poultry dressing and packing, including production of fresh dressed meat and poultry, as *manufacturing industries* and their products as *manufactured products*; and that Exhibit 14 hereto is a correct copy of portions thereof, evidences the facts stated in this paragraph, and may be admitted in evidence.

26. That a "Standard Commodity Classification, Volume I: Standard Classified Account of Commodities," prepared by the Technical Committee on Standard Commodity Classi-

fication, under direction of the Bureau of the Budget, was published December, 1946; that said list classifies "meat (including poultry and game), fresh, chilled or frozen" within "Major Group 70—Food, Manufactured" as *manufactured* foods; and that Exhibit 15 hereto is a correct copy of the preface and page 124 thereof, evidences the facts hereinabove set forth and may be admitted in evidence.

27. That the economic classification of fresh or frozen meat and fresh or frozen poultry, together with other meat [fol. 13] products, as *manufactured agricultural commodities* in Schedule A, Exhibit 7, above, also was used for classification of exports in Schedule B; that "Comparison Of Commodity Classifications Shown During 1949 Through 1952 In Schedule B," dated January, 1952, by the Bureau of Census, printed by the Government Printing Office, of which page 2 therefrom is attached hereto as Exhibit 16, evidences the facts stated in this paragraph, and that Exhibit 16 may be admitted in evidence.

28. That "Industrial Classification Code, Part IV, The Manufacturing Groups, a Reference Guide," dated November 16, 1936, of the Bureau of Research and Statistics, Division of Placement and Unemployment Insurance, Department of Labor, State of New York, is a duplicate of the classification of the Bureau of the Census, Exhibit 8 herein; that Exhibit 17, herein, is a correct copy of a portion of that Industrial Classification Code, Part IV, evidences the above-stated facts and may be admitted in evidence.

29. That the Social Security Board, Bureau of Research and Statistics, developed a classification for its users and under date of July 1, 1937, published "Industrial Classification Code for Use in Connection with Federal Old-Age Benefits and Unemployment Compensation, Part IV, The Manufacturing Groups," covering manufacturing industries and products; that the Social Security Board classification contains "Group 20, Food Manufacturing," that Group 20 includes:

"Meat Canned; Cured; Pickled; Smoked; Spread; Frozen."

"Meat Packing"

"Meat Products"



"Poultry killing, dressing, packing (for the wholesale Trade);"

that Exhibit 8 hereto is a correct copy of the cover and pages 7 and 8 of said publication, evidences the above-stated facts and may be admitted in evidence.

[fol. 14] 30. That "Industrial Classifications and Codes for Use in Public Employment Offices," dated July, 1938, published by the U.S. Department of Labor, United States Unemployment Service and printed by the Government Printing Office, classifies "Meat Packing—Wholesale" and "Poultry: Killing, Dressing, and Packing—Wholesale" as "*Manufacturing Industries*" in the "Food" group; and that Exhibit 19 hereto, is a correct copy of a portion of the said document, evidences the above-stated facts, and may be admitted in evidence.

### III

That the following facts are true and the exhibits hereinafter identified are authentic and may be admitted in evidence, specifically as evidence of practices and customs now prevalent and generally in effect in 1935 and prior years, as to the growing, marketing, processing, and distribution of livestock and birds and their products and also for any other relevant purpose in this proceeding.

31. Cattle are raised on farms and ranches by growers and generally shipped alive by the growers to stockyards operated in conjunction with packing plants; that the marketing of livestock is carried on in the United States in the manner described in "Beef, Veal and Lamb Operations," Fourth Revised Edition, Prepared and Edited by the Committee on Recording of the American Meat Institute (1952), (First Edition printed in 1934), at pages 6 to 11; Exhibit 20 attached hereto is a correct reproduction of that excerpt and may be admitted in evidence.

32. Cattle slaughtering is performed as described in the publication identified in Paragraph 31 next-above; said book is incorporated herein by reference and its contents may be used in this proceeding as though the volume were physically included in the record. An outline of the

slaughtering process includes the following steps and processes:

- [fol. 15] (1) Holding the cattle in pens, including resting, watering and feeding;
- (2) Killing, including knocking, shackling, hoisting and bleeding;
- (3) Skinning and cutting, including ripping open, flooring, rimming over, turning shoulder and round, siding, breast sawing, shank pulling, tail splitting, fell cutting, etc., eviscerating, slitting, trimming;
- (4) Washing;
- (5) Stamping, scaling and grading;
- (6) Hot clothing;
- (7) Chilling;
- (8) Loading into cars or trailers; and,
- (9) Distribution.

In the afore-mentioned processes, various mechanical aids are employed including pens, runways, pulleys and chains, overhead conveyors, electrical saws, mechanical slides, water heaters, chilling systems involving the use of brine tanks, pumps and related gear and ribbon branders; and that production of frozen meats additionally involves use of extensive mechanically refrigerated systems.

33. Chickens and other poultry used for meat purposes are grown on farms and in commercial broiler houses generally marketed alive to commercial processing and packing plants; in 1934, 457,956,000 chickens and turkeys were produced, of which 403,311,000 were grown on farms and 34,030,000 were grown in commercial broiler houses; in 1948, 777,406,000 birds of these kinds were produced, of which 396,697,000 were grown on the farm, and 350,773,000 were grown in commercial broiler houses. "Agricultural Statistics, 1952" U.S. Dept. of Agriculture, U.S. Govt. Printing Office (1952) is incorporated herein by [fol. 16] reference and reference may be made to the contents of said publication as though it were physically included as an exhibit in the record in this proceeding.

34. In most instances, chickens, turkeys and other fowl are shipped alive from the grower to a processing plant, processing plants being located in some instances at large



consuming points and, in other instances, in the growing area. Chicken meat from farm-grown chickens to a large extent is a by-product of egg production. Commercial broiler production is solely for meat purposes. On some commercial egg farms, the practice is to buy pullet chicks, carry them one year for egg production and then sell the entire flock; on other commercial egg farms and usually in farm flocks of chickens the practice is to buy straight-run (pullets and cockerels) chicks, raise them to a weight of 3 or 4 pounds and then separate the pullets from the cockerels and then sell the cockerels. The laying birds are sold after one or two years of egg production; culled birds from commercial egg farms are usually sold throughout the year; birds culled from farm flocks during the year are either sold or consumed at home.

35. Production of chicken meat in commercial broiler houses is a highly specialized business. Such growers commonly raise 10,000 to 30,000 birds at one time and, through the use of broiler houses, it is not unusual for one man to do all the work in connection with raising such flocks. Three to four lots are produced and marketed in the course of a year. In 1950, approximately 40% of all chicken meat sold was grown in commercial broiler plants. Generally, poultry from commercial egg farms, from farm flocks and from commercial broiler plants is marketed alive, a very small amount of the total value marketed [fol 17] being killed and processed by the grower. The principal exception is the Long Island duck industry which processes 60% of all ducks raised in the United States and in which the killing and processing functions have been integrated.

36. Growers of commercial broiler chickens customarily furnish housing, equipment and labor while a financing agent, usually the feed dealer, furnishes chicks, feed and supplies, often under conditional sales agreements. The entire flock is sold when it reaches the desired age of 12-14 weeks. The grower and his financing agent conclude the transaction and determine their profit or loss based upon the sale price. Transportation of live birds from the broiler house to the packing plant is customarily provided by the buyer. Operation of poultry processing plants is generally in the hands of commercial packers who engage

in the processing and distribution of dressed, fresh and frozen poultry but not in growing it. In a few instances, such as the integrated Long Island duck industry and in certain grower's cooperatives, the growers maintain and operate processing plants and engage in processing and distribution as well as growing.

37. The processing of poultry in the processing plants includes the following steps:

(1) Finishing, including resting, watering and feeding the birds, usually in holding rooms operated in connection with the processing plant, up to 12 hours before killing at which time feeding stops;

(2) Killing, including shackling the feet, hanging the birds from an endless chain, sticking (cutting the throat from the inside or the outside), and bleeding, usually as the birds pass along the line;

[fol. 18] (3) Picking, either by dry picking (now little used) or wet picking: This process requires immersion in or spraying with hot water at temperatures from 128° to 190° F. The immersion in commercial plants is performed while the birds are on the endless chain and is followed by passing the birds through mechanical pickers. The mechanical picker is a machine using revolving drums equipped usually with rubber fingers. In some processes, the birds are then dipped into hot wax which, when removed after hardening, helps remove feathers;

(4) Pinning—The chain then brings the birds to tables where supplementary hand labor is used to remove pins and to complete the picking process.

(5) Singeing, which involves exposing to flame the carcasses to remove the hairs;

(6) Cropping and venting—The endless chain then brings the birds to the hands of other operators who strip the feed from the crop and remove other waste matter.

(7) Washing—The chain then brings the birds into an area where they are subject to a heavy spray.

(8) Chilling—The usual method of chilling is to place the carcasses in metal baskets which are submerged in tanks of ice water for a period long enough



to remove all body heat. In many plants, the birds are weighed before being placed in the chilling vats and they are then placed in different vats in accordance with the different weight categories. Birds to be eviscerated are not usually chilled.

(9) Eviscerating—The body cavity is cut and viscera are removed with the edible portions being cleaned separately, wrapped and re-inserted in the body cavity at the conclusion of the eviscerating process. The cutting includes removing the head, removal of the neck skin, removal of the crop and windpipe, removal of the feet, removal of the oil sac at the base of the tail, removal of the entrails, recovery of the gizzard, liver, and the heart, removal of the gall bladder, and trussing, if the bird is to be kept whole. In the event the bird is not to be kept whole, it is cut into approximately 10 pieces.

(10) Packaging—New York dressed chickens after having been weighed and chilled are usually packed in crates or barrels with inner water-proof paper wrappings and with ice included in the container. Various methods of dry wrapping are also employed. All birds to be frozen are usually placed within plio-film bags which act to prevent dehydration and freezer burn. [fol. 19] Cut-up poultry is packed in paper cartoons which are, in turn, sealed in plio-film type outer wrappings; these packages then being placed in shipping cartons and the entire carton being transported into the freezer.

(11) Freezing—For quality control, freezing of poultry requires rapid action and freezers constructed for this purpose usually require 40° below zero cold together with a wind blast of up to 70 miles an hour circulating within the freezing room. After freezing, the frozen birds are stored in a holding room constructed to hold the products at 0° F.

38. The plants engaged in the killing of cattle and birds and in the production of meat products (including poultry) consist generally of the large meat packing companies and companies engaged in the distributing and wholesaling of meat and poultry. The "Biennial Census of Manufac-

turers, 1933," U. S. Department of Commerce, Bureau of the Census, included reports from 437 plants engaged in production of poultry products and 1230 meat packing plants. Ten packers alone processed approximately 75% of Federally inspected meat in 1942. Transportation of the finished meat and poultry products is accomplished primarily through use of common carriers by rail and by motor which provide refrigerated cars and truck-trailers for that purpose. Distribution from the packing plants is made to branch houses, chain stores, wholesalers, and retailers.

39. The exhibits listed in this paragraph and attached hereto are authentic copies and may be admitted in evidence:

Exh. 21—"Table 16—Livestock: Federally-inspected slaughter, by months and seasons, and total slaughter, yearly, in the United States, 1935-51," comprising pages 17 and 18 of Statistical Bulletin No. 118, "Livestock Market News Statistics and Related Data, 1951," U. S. D. A., P. & M. A., November 1952.

[fol. 20] Exh. 22—"Livestock Slaughter—Meat and Lard Production, 1950 and 1951," U. S. D. A. Bur. of Agricultural Economics, May 23, 1952, the entire document consisting of one sheet (two pages).

Exh. 23—"Livestock Slaughter—Meat and Lard Production, 1951-1952," U. S. D. A., Bur. of Agricultural Economics, May 6, 1953, the entire document consisting of one sheet (two pages).

Exh. 24—"Livestock Slaughter by States—December, 1953," U. S. D. A., Agriculture Marketing Service, February 3, 1954, the entire document consisting of five sheets (9 pages).

Exh. 25—"Table 509—Meats and Lard: Production by class of slaughter, United States, 1935-51," being page 446 of "Agricultural Statistics, 1952."

Exh. 26—"Table 510—Meats and meat food products: Quantity prepared and processed under Federal inspection, 1945-51."

Exh. 27—"Regulations Governing the Meat Inspection of the United States Department of Agriculture," Edition of June 1952, U. S. D. A., Agricultural Re-



search Administration, Bureau of Animal Industry; a booklet of 209 pages.

Exh. 28—"Table 578—Chickens: Number on farms, and value, United States, Jan. 1, 1909-52," which is page 508, "Agricultural Statistics, 1952."

Exh. 29—"Table 582—Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1950," which comprises pages 512 and 513 of "Agricultural Statistics, 1952."

Exh. 30—"Table 583—Chickens: Farm Production, disposition, cash receipts, and gross income, by States, 1951," which comprises pages 514 and 515 of "Agricultural Statistics, 1952."

Exh. 31—"Table 587—Chickens: \* \* \*;" and "Table 588—Chickens: \* \* \*," which is page 519 of "Agricultural Statistics, 1953."

Exh. 32—"Regulations Governing the Grading and Inspection of Poultry and Edible Products Thereof \* \* \*;" U.S.D. of Agric., P. & M. A., Poultry Branch, effective May 15, 1953.

[fol. 21] In witness whereof this stipulation is signed:

For the Complainants: By: (S.) Francis W. McIn-  
erny. At Washington, D. C. Date February 24,  
1954. For the Defendant: By: (S.) Carl Phinney.  
At Dallas, Texas. Date 23 Feb. 1954.



U. S. DEPARTMENT OF LABOR  
JAMES J. DAVIS, Secretary  
BUREAU OF LABOR STATISTICS  
ETHELBERT STEWART, Commissioner

# Wholesale Prices OF Commodities

January, 1929



HB 235  
89.26 A45

## WHOLESALE PRICES OF COMMODITIES, JANUARY, 1929

In continuation of the plan of publishing each month a detailed statement of wholesale prices of important commodities, there is presented herewith a list of the more important commodities included in the bureau's index numbers, together with the latest record of price changes available at the time of its preparation. For convenience of comparison, index numbers based on average prices in the year 1926 as 100 are shown in addition to the absolute money prices. Index numbers for the several groups and subgroups also are shown in the table. The purchasing power of the 1926 dollar as computed from the index numbers of the various groups of commodities is likewise included.

WHOLESALE PRICES OF COMMODITIES, JANUARY AND DECEMBER, 1928, AND JANUARY, 1929

| Commodity                                | Average prices   |                   |                  | Index numbers<br>(1926=100.0) |                   |                  |
|--|------------------|-------------------|------------------|-------------------------------|-------------------|------------------|
|  | January,<br>1928 | December,<br>1928 | January,<br>1929 | January,<br>1928              | December,<br>1928 | January,<br>1929 |
| <b>ALL COMMODITIES</b>                   |                  |                   |                  | 98.3                          | 98.7              | 97.3             |
| <b>GROUP I.—FARM PRODUCTS</b>            |                  |                   |                  | 106.1                         | 103.6             | 106.9            |
| (a) <b>Grains</b>                        |                  |                   |                  | 104.7                         | 94.3              | 98.5             |
| Barley, feeding, per bushel, Chicago     | \$0.932          | \$0.574           | \$0.600          | 134.3                         | 82.7              | 86.5             |
| Corn, per bushel, Chicago—               |                  |                   |                  |                               |                   |                  |
| Contract grades                          | .888             | .858              | .915             | 116.7                         | 113.1             | 120.5            |
| No. 3, mixed                             | .857             | .835              | .901             | 116.5                         | 113.3             | 122.4            |
| Oats, No. 2, white, per bushel, Chicago  | .564             | .486              | .523             | 131.0                         | 112.9             | 121.5            |
| Rye, No. 2, per bushel, Chicago          | 1.086            | 1.059             | 1.044            | 113.7                         | 111.0             | 109.4            |
| Wheat, per bushel—                       |                  |                   |                  |                               |                   |                  |
| No. 2, red winter, Chicago               | 1.423            | 1.414             | 1.405            | 92.4                          | 91.7              | 91.1             |
| No. 2, hard, Kansas City                 | 1.396            | 1.138             | 1.159            | 93.3                          | 76.1              | 77.4             |
| No. 1, northern spring, Minneapolis      | 1.293            | 1.172             | 1.217            | 83.5                          | 75.7              | 78.6             |
| No. 2, dark northern spring, Minneapolis | 1.433            | 1.152             | 1.200            | 92.1                          | 74.1              | 77.1             |
| No. 1, hard white, Portland, Oreg        | 1.446            | 1.490             | 1.502            | 100.7                         | 103.8             | 104.6            |
| No. 2, red winter, St. Louis             | 1.515            | 1.394             | 1.437            | 97.4                          | 89.7              | 92.4             |
| (b) <b>Livestock and poultry</b>         |                  |                   |                  | 100.3                         | 99.1              | 102.1            |
| Cattle, per 100 pounds, Chicago—         |                  |                   |                  |                               |                   |                  |
| Calves, good to choice, vealers          | 12.925           | 14.275            | 15.563           | 106.5                         | 117.6             | 128.2            |
| Cows—                                    |                  |                   |                  |                               |                   |                  |
| Fair to good                             | 8.215            | 8.185             | 8.038            | 142.5                         | 142.0             | 139.4            |
| Good to choice                           | 9.400            | 9.110             | 8.913            | 144.9                         | 140.4             | 137.4            |
| Steers—                                  |                  |                   |                  |                               |                   |                  |
| Fair to good                             | 14.000           | 12.550            | 12.250           | 159.8                         | 143.2             | 139.8            |
| Good to choice                           | 15.800           | 14.175            | 13.531           | 165.8                         | 148.8             | 142.0            |
| Hogs, per 100 pounds, Chicago—           |                  |                   |                  |                               |                   |                  |
| Fair to choice, heavy butchers           | 8.320            | 8.780             | 9.100            | 67.4                          | 71.2              | 73.8             |
| Fair to choice, light butchers           | 8.420            | 8.765             | 9.269            | 64.2                          | 66.8              | 70.7             |
| Sheep, per 100 pounds, Chicago—          |                  |                   |                  |                               |                   |                  |
| Ewes, native, all grades, fair to best   | 6.050            | 6.275             | 8.388            | 91.8                          | 95.2              | 127.2            |
| Lambs, western, fair to good             | 12.650           | 13.775            | 15.594           | 92.3                          | 100.5             | 113.8            |
| Wethers, fed, poor to best               | 7.250            | 8.200             | 10.344           | 88.6                          | 100.2             | 126.4            |
| Poultry, live fowls, per pound—          |                  |                   |                  |                               |                   |                  |
| Chicago                                  | .226             | .234              | .287             | 80.7                          | 93.0              | 111.1            |
| New York                                 | .282             | .281              | .335             | 94.7                          | 94.5              | 112.3            |
| (c) <b>Other farm products</b>           |                  |                   |                  | 110.7                         | 110.9             | 111.3            |
| Beans, medium, per 100 pounds, New       |                  |                   |                  |                               |                   |                  |
| Galveston                                | 6.825            | 10.000            | 10.425           | 125.4                         | 183.8             | 191.6            |
| Cotton, middling, per pound—             |                  |                   |                  |                               |                   |                  |
| Galveston                                | .187             | .194              | .194             | 109.5                         | 116.0             | 113.9            |
| New Orleans                              | .186             | .194              | .191             | 110.3                         | 115.4             | 113.2            |
| New York                                 | .190             | .205              | .202             | 108.4                         | 117.1             | 115.2            |
| Eggs, fresh, per dozen—                  |                  |                   |                  |                               |                   |                  |
| Western, Boston                          | .465             | .440              | .382             | 140.5                         | 120.6             | 107.2            |
| Firsts, Chicago                          | .434             | .387              | .390             | 129.6                         | 115.6             | 105.5            |
| Extra firsts, Cincinnati                 | .434             | .458              | .497             | 127.6                         | 128.6             | 111.9            |

**WHOLESALE PRICES OF COMMODITIES, JANUARY AND DECEMBER, 1928, AND  
JANUARY, 1929—Continued**

| Commodity  | Average prices   |                     |                  | Index numbers<br>(1926=100.0) |                             |                       |
|--|------------------|---------------------|------------------|-------------------------------|-----------------------------|-----------------------|
|  | January,<br>1928 | Decem-<br>ber, 1928 | January,<br>1929 | Jan-<br>uary,<br>1928         | De-<br>cem-<br>ber,<br>1928 | Jan-<br>uary,<br>1929 |
| <b>GROUP I.—FARM PRODUCTS—Contd.</b>                                     |                  |                     |                  |                               |                             |                       |
| (c) <b>Other farm products—Continued.</b>                                |                  |                     |                  |                               |                             |                       |
| Eggs, fresh, per dozen—Continued.  |                  |                     |                  |                               |                             |                       |
| Candled, New Orleans.....  | \$0.362          | \$0.351             | \$0.317          | 106.7                         | 103.7                       | 93.6                  |
| Firsts, New York.....  | .450             | .368                | .364             | 126.4                         | 102.8                       | 102.2                 |
| Extra firsts, Philadelphia.....  | .500             | .453                | .447             | 126.5                         | 114.5                       | 103.7                 |
| No. 1 extras, San Francisco.....   | .309             | .349                | .293             | 103.7                         | 117.2                       | 98.4                  |
| Fruit—   |                  |                     |                  |                               |                             |                       |
| Apples, fresh—   |                  |                     |                  |                               |                             |                       |
| Baldwins, per barrel—  |                  |                     |                  |                               |                             |                       |
| Chicago.....   | 7.250            | 5.094               | 5.525            | 176.8                         | 124.2                       | 134.7                 |
| New York.....  | 7.025            | 5.438               | 5.575            | 174.2                         | 134.9                       | 138.3                 |
| Winesaps, medium grade, per box,<br>Portland, Oreg.....                  | 3.250            | 2.100               | 2.120            | 152.4                         | 98.5                        | 99.4                  |
| Lemons, choice or fancy, California,<br>per box, Chicago.....            | 9.235            | 7.188               | 6.600            | 165.6                         | 129.0                       | 118.5                 |
| Oranges, choice, California, per box,<br>Chicago.....                    | 5.825            | 6.000               | 6.475            | 97.8                          | 100.7                       | 108.7                 |
| Hay, per ton—  |                  |                     |                  |                               |                             |                       |
| Alfalfa, Kansas City.....  | 21.375           | 26.063              | 27.938           | 101.6                         | 123.9                       | 132.8                 |
| Clover, mixed, No. 1, Cincinnati.....                                    | 16.200           | 22.375              | 22.700           | 72.9                          | 100.7                       | 102.2                 |
| Timothy, No. 1, Chicago.....   | 17.750           | 23.500              | 23.500           | 75.6                          | 100.1                       | 100.1                 |
| Hops, prime to choice, Pacific, per pound,<br>Portland, Oreg.....        | .215             | .183                | .191             | 89.2                          | 75.8                        | 79.3                  |
| Milk, fluid, per 100 pounds—   |                  |                     |                  |                               |                             |                       |
| Chicago.....   | 2.760            | 2.760               | 2.910            | 98.8                          | 98.8                        | 104.2                 |
| New York.....  | 3.960            | 4.030               | 4.030            | 109.9                         | 111.2                       | 111.2                 |
| San Francisco.....   | 3.350            | 3.140               | 3.140            | 107.0                         | 100.3                       | 100.3                 |
| Peanuts, per pound, Norfolk.....   | .063             | .053                | .053             | 127.3                         | 106.1                       | 107.1                 |
| Seeds—   |                  |                     |                  |                               |                             |                       |
| Alfalfa, per 100 pounds, Kansas City.....                                | 17.250           | 25.000              | 24.000           | 104.7                         | 151.7                       | 145.7                 |
| Clover, per 100 pounds, Chicago.....                                     | 29.170           | 28.000              | 30.077           | 91.7                          | 88.0                        | 94.5                  |
| Flaxseed, per bushel, Minneapolis.....                                   | 2.182            | 2.363               | 2.415            | 93.7                          | 101.5                       | 103.7                 |
| Timothy, per 100 pounds, Chicago.....                                    | 3.500            | 5.115               | 5.250            | 57.3                          | 83.7                        | 85.9                  |
| Tobacco, leaf, average warehouse sales,<br>per 100 pounds, Kentucky..... | 23.277           | 25.691              | 26.134           | 274.2                         | 303.3                       | 332.1                 |
| Vegetables, fresh—   |                  |                     |                  |                               |                             |                       |
| Onions, per 100 pounds, Chicago.....                                     | 2.575            | 4.406               | 4.625            | 165.2                         | 180.1                       | 197.2                 |
| Potatoes, white, per 100 pounds—   |                  |                     |                  |                               |                             |                       |
| Boston.....  | 1.969            | 1.144               | 1.265            | 55.9                          | 32.4                        | 35.9                  |
| Chicago.....   | 1.705            | .963                | 1.040            | 56.6                          | 31.9                        | 34.5                  |
| New York.....  | 2.164            | 1.448               | 1.550            | 57.3                          | 38.3                        | 41.0                  |
| Portland, Oreg.....  | 1.950            | 1.425               | 1.450            | 67.9                          | 49.6                        | 50.5                  |
| Potatoes, sweet, per 1/4 bushel, Phila-<br>delphia.....                  | .950             | .988                | 1.175            | 62.4                          | 64.5                        | 76.8                  |
| Wool, per pound, Boston—   |                  |                     |                  |                               |                             |                       |
| Ohio, grease basis—  |                  |                     |                  |                               |                             |                       |
| Fine clothing.....   | .390             | .380                | .380             | 97.1                          | 94.6                        | 94.6                  |
| Fine delaine.....  | .480             | .460                | .460             | 102.8                         | 98.6                        | 98.6                  |
| Half blood.....  | .490             | .510                | .510             | 106.1                         | 110.5                       | 110.5                 |
| Medium grades.....   | .500             | .560                | .560             | 109.5                         | 122.6                       | 122.6                 |
| Territory, scoured basis—  |                  |                     |                  |                               |                             |                       |
| Staple, fine and fine medium.....  | 1.162            | 1.138               | 1.135            | 100.9                         | 98.4                        | 98.6                  |
| Half blood.....  | 1.072            | 1.110               | 1.110            | 102.4                         | 106.0                       | 106.0                 |
| Foreign—   |                  |                     |                  |                               |                             |                       |
| Argentine crossbreds, quarter<br>blood, grease basis.....                | .335             | .335                | .335             | 118.2                         | 118.2                       | 118.2                 |
| Australian, Geelong, 56's, scoured<br>basis.....                         | .690             | .740                | .740             | 101.7                         | 109.1                       | 109.1                 |
| Montevideo, one-fourth blood,<br>50's, grease basis.....                 | .433             | .455                | .456             | 117.3                         | 123.4                       | 123.5                 |
| <b>GROUP II.—FOODS</b>   |                  |                     |                  |                               |                             |                       |
| (a) <b>Butter, cheese, and milk</b>                                      |                  |                     |                  |                               |                             |                       |
| Butter, creamery, per pound—   |                  |                     |                  | 100.0                         | 110.0                       | 100.0                 |
| Boston—  |                  |                     |                  |                               |                             |                       |
| Extra.....   | .450             | .499                | .479             | 100.3                         | 113.6                       | 109.1                 |
| Firsts.....  | .456             | .479                | .467             | 106.3                         | 113.7                       | 110.8                 |
| Seconds.....   | .425             | .456                | .448             | 108.6                         | 116.5                       | 114.4                 |
| Chicago—   |                  |                     |                  |                               |                             |                       |
| Extra.....   | .484             | .490                | .466             | 112.8                         | 114.3                       | 108.6                 |
| Extra firsts.....  | .454             | .478                | .456             | 109.7                         | 115.4                       | 110.0                 |
| Firsts.....  | .423             | .460                | .445             | 108.3                         | 117.8                       | 114.1                 |
| Cincinnati, as to score.....   | .450             | .495                | .471             | 114.0                         | 125.4                       | 119.3                 |



WHOLESALE PRICES OF COMMODITIES, JANUARY AND DECEMBER, 1928, AND  
 JANUARY, 1929—Continued

| Commodity   | Average prices   |                   |                  | Index numbers<br>(1926=100.0) |                   |                  |
|---|------------------|-------------------|------------------|-------------------------------|-------------------|------------------|
|   | January,<br>1928 | December,<br>1928 | January,<br>1929 | January,<br>1928              | December,<br>1928 | January,<br>1929 |
| <b>GROUP II.—FOODS—Continued</b>                            |                  |                   |                  |                               |                   |                  |
| <b>(a) Butter, cheese, and milk—Continued.</b>              |                  |                   |                  |                               |                   |                  |
| Butter, creamery, per pound—Contd.                          |                  |                   |                  |                               |                   |                  |
| New Orleans—  |                  |                   |                  |                               |                   |                  |
| Fancy.....  | \$0.501          | \$0.536           | \$0.521          | 105.3                         | 112.7             | 109.5            |
| Choice.....   | .455             | .488              | .484             | 99.3                          | 105.4             | 105.6            |
| New York—   |                  |                   |                  |                               |                   |                  |
| Extra.....  | .489             | .508              | .481             | 110.2                         | 114.5             | 108.5            |
| Firsts.....   | .457             | .480              | .467             | 108.9                         | 114.5             | 111.2            |
| Seconds.....  | .419             | .450              | .447             | 107.9                         | 116.0             | 115.1            |
| Philadelphia—   |                  |                   |                  |                               |                   |                  |
| Extra.....  | .499             | .511              | .485             | 109.7                         | 112.5             | 108.7            |
| Extra firsts.....   | .488             | .498              | .476             | 110.0                         | 112.4             | 107.5            |
| Firsts.....   | .460             | .466              | .460             | 110.7                         | 114.7             | 113.1            |
| St. Louis, extra.....                                       | .488             | .513              | .484             | 110.9                         | 116.4             | 110.0            |
| San Francisco—  |                  |                   |                  |                               |                   |                  |
| Extra.....  | .465             | .495              | .462             | 106.7                         | 113.6             | 106.0            |
| Firsts.....   | .456             | .485              | .455             | 109.2                         | 116.0             | 108.8            |
| Cheese, whole milk, per pound—                              |                  |                   |                  |                               |                   |                  |
| Chicago.....  | .264             | .237              | .228             | 121.7                         | 109.2             | 105.2            |
| New York.....   | .261             | .258              | .254             | 114.9                         | 113.4             | 111.6            |
| San Francisco.....  | .239             | .231              | .224             | 104.4                         | 101.1             | 97.9             |
| Milk, condensed, per case, New York.....                    | 6.000            | 6.175             | 6.175            | 102.4                         | 105.4             | 105.4            |
| Milk, evaporated, per case, New York.....                   | 4.575            | 4.575             | 4.575            | 104.1                         | 104.1             | 104.1            |
| Milk, fluid. (See Farm products.)                           |                  |                   |                  |                               |                   |                  |
| <b>(b) Meats</b>  |                  |                   |                  |                               |                   |                  |
| Beef, fresh, carcass, steers, per pound—                    |                  |                   |                  |                               |                   |                  |
| Chicago.....  | .220             | .245              | .240             | 134.0                         | 149.2             | 146.2            |
| New York.....   | .230             | .245              | .245             | 134.7                         | 143.5             | 143.5            |
| Beef, cured, family, per barrel (200 pounds), New York..... |                  |                   |                  |                               |                   |                  |
|   | 33.000           | 33.000            | 29.300           | 140.5                         | 140.5             | 124.7            |
| Lamb, fresh, per pound, Chicago.....                        | .230             | .228              | .275             | 87.9                          | 87.0              | 105.1            |
| Mutton, fresh, dressed, per pound, New York.....            | .133             | .123              | .146             | 92.2                          | 85.0              | 101.2            |
| Pork, cured—  |                  |                   |                  |                               |                   |                  |
| Bacon, per pound, Chicago.....                              | .316             | .229              | .223             | 104.0                         | 75.3              | 73.2             |
| Hams, per pound, Chicago.....                               | .212             | .244              | .232             | 68.8                          | 79.4              | 75.5             |
| Mess, per barrel (200 pounds), New York.....                | 32.800           | 33.250            | 30.025           | 87.6                          | 88.8              | 80.2             |
| Sides, clear, per pound, Chicago.....                       | .161             | .163              | .151             | 80.4                          | 81.0              | 75.2             |
| Sides, rough, per pound, Chicago.....                       | .156             | .133              | .140             | 78.8                          | 67.1              | 70.7             |
| Pork, fresh (composite price), per pound—                   |                  |                   |                  |                               |                   |                  |
| Chicago.....  | .143             | .144              | .159             | 64.0                          | 64.3              | 71.0             |
| Poultry, dressed, per pound—                                |                  |                   |                  |                               |                   |                  |
| Chicago.....  | .200             | .225              | .257             | 73.9                          | 83.2              | 95.0             |
| New York.....   | .288             | .280              | .310             | 91.8                          | 89.2              | 98.8             |
| Veal, fresh, good, per pound, Chicago.....                  | .198             | .208              | .240             | 105.6                         | 110.9             | 128.3            |
| <b>(c) Other foods</b>                                      |                  |                   |                  |                               |                   |                  |
| Beans. (See Farm products.)                                 |                  |                   |                  |                               |                   |                  |
| Bread, loaf, per pound before baking—                       |                  |                   |                  |                               |                   |                  |
| Chicago.....  | .075             | .075              | .075             | 100.0                         | 100.0             | 100.0            |
| Cincinnati.....   | .071             | .071              | .071             | 100.3                         | 100.3             | 100.3            |
| New Orleans.....  | .070             | .066              | .066             | 97.8                          | 92.0              | 92.0             |
| New York.....   | .070             | .070              | .070             | 100.0                         | 100.0             | 100.0            |
| San Francisco.....  | .069             | .069              | .069             | 99.8                          | 99.8              | 99.8             |
| Cocoa beans, Arriba, per pound, New York.....               |                  |                   |                  |                               |                   |                  |
|   | .170             | .131              | .130             | 94.0                          | 72.6              | 71.8             |
| Coffee, Brazilian grades, per pound, New York—              |                  |                   |                  |                               |                   |                  |
| Rio, No. 7.....   | .148             | .181              | .183             | 81.2                          | 99.2              | 100.3            |
| Santos, No. 4.....  | .221             | .232              | .240             | 98.9                          | 104.0             | 107.8            |
| Copra, South Sea, per pound, New York.....                  | .054             | .050              | .048             | 92.8                          | 86.2              | 82.8             |
| Crackers, soda, per pound, New York.....                    | .140             | .150              | .140             | 100.0                         | 107.1             | 100.0            |
| Eggs. (See Farm products.)                                  |                  |                   |                  |                               |                   |                  |
| Fish—   |                  |                   |                  |                               |                   |                  |
| Cod, pickled, cured, per 100 pounds, Gloucester, Mass.....  |                  |                   |                  |                               |                   |                  |
|   | 7.500            | 8.250             | 8.200            | 103.3                         | 111.7             | 113.7            |
| Herring, pickled, per pound, New York.....                  | .150             | .190              | .190             | 113.6                         | 143.8             | 143.8            |
| Mackerel, salt, per pound, New York.....                    | .110             | .180              | .180             | 110.0                         | 180.0             | 180.0            |
| Salmon, canned, Alaska, red, per dozen cans, factory.....   | 3.200            | 2.625             | 2.499            | 96.2                          | 78.9              | 75.1             |
| Salmon, smoked, Alaska, per pound New York.....             | .420             | .500              | .480             | 109.6                         | 130.4             | 125.2            |

## EXHIBIT "6"

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## CODE FOR INDUSTRIAL CLASSIFICATION

## DIVISION A. AGRICULTURE, FORESTRY, AND ANIMAL HUSBANDRY

Code

001. *Agriculture.*Cotton growing; or in connection with preparing cotton for market, *except ginning, compressing, baling*Grain farming. Alfalfa, barley, buckwheat, corn, hay, oats, *rice, rye, wheat, etc.*

Horticulture. Growing fruits, flowers, nuts, vegetables; landscape gardeners, nurserymen.

Stock farming. Cattle, hogs, horses, sheep, etc. Bee culture (apiaries); poultry; fur-bearing animals, as foxes; ostrich farming; silkworm culture; feeding stock for market (not stockyards, see 017); dairy farming, *except milking, etc.*

Other agricultural pursuits. Operating agricultural machinery as baling (not cotton; see 016); sheep shearing, threshing, spraying; general farming; growing coffee, hemp, hops, medicinal plants, mushrooms, rubber, sugar, tobacco.

Lessors or holders of farm lands.

002. *Related industries.*

Fishing. Clams, crabs, fish, nonfood shells, oysters, pearls, sponges; fish hatcheries; oyster culture.

Ice harvesting. Natural ice (manufacture of ice not included, see 074).

Other related industries. Maple-sugar camps; hunting or trapping for furs or feathers; seal hunting. (Not including the gathering of naval stores, see 092.)

Lessors or holders of timber lands.

Bottling spring water.

## DIVISION H. MANUFACTURING

## SECTION I. FOOD AND KINDRED PRODUCTS (073)

062. *Beverages.* Root beer, ginger ale, carbonated beverages, coca cola, grape juice, etc. (Not including tomato juice, cranberry juice, or kraut juice (see 072), nor the bottling of spring water (see 002), nor wines, cordials, or whiskey (see 109).)
063. *Cereal beverages,* beer and "near beer."
064. *Bread and other bakery products.*  
Bread, biscuit, crackers, pretzels, pies, cakes, etc.
065. *Butter.*
066. *Confectionery* (not including chocolate and cocoa products, see 074). Candies of all kinds, stick licorice, corn balls, salted nuts, etc.
067. *Flour and other grain mill products* (not including feeds, prepared, for animals and fowls, see 074). Wheat, corn, rye, buckwheat, rice, and barley, flour and meal, cracked corn, shorts, middlings, feed for livestock, etc.
068. *Ice cream.* Water ices, sherberts, chocolate covered ice cream, etc.
069. *Meat Packing.* This classification covers establishments engaged in both slaughtering cattle, hogs, sheep, or other animals and preserving all or a part of the raw stock by canning, salting, smoking, or otherwise curing it for the trade; establishments which purchase raw stock from slaughterhouses and preserve it; includes lard.
070. *Sugar, beet.*
071. *Sugar refining; cane.* This classification embraces establishments engaged wholly or mainly in refining raw cane sugar, practically all of which is imported.
072. *Canning and preserving: Fish, crabs, shrimps, oysters, and clams.* Canned, pickled, smoked, and dried fish, and canned crabs, lobsters, shrimps, oysters, and clams. (Does not cover establishments engaged solely in shucking oysters, see 002.)
073. *Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.* Canned and preserved fruits and vegetables; processed and dried fruits and vegetables; preserves, jellies, pickles, sauces, dressings, catsup, prepared mustard, etc.
074. *All other food products.*  
Cereal preparations. Cereal breakfast foods, hominy, cracked wheat, rolled oats, hulled corn, self-rising flour, cereal, coffee substitutes, etc.  
Coffee and spice, roasting and grinding.  
Corn sirup, corn sugar, corn oil, and starch. Corn sirup; corn sugar; corn, wheat, potato, and root starch; corn oil; corn oil cake and meal; etc.  
Cheese.  
Condensed and evaporated milk. Condensed milk, evaporated milk, powdered milk, sugar of milk; dried casein (not plastic).  
Chewing gum.



**Chocolate and cocoa products, not including confectionery.**

Chocolate, cocoa, cocoa butter, broma, and other products of the nut of the cocoa tree.

**Feeds, prepared, for animals and fowls.** Feeds prepared from ground grain and other ingredients such as alfalfa, molasses, bone meal, etc.; ground oyster shells.

**Flavoring extracts and flavoring sirups.** Flavoring extracts, pastes, and powders; colors for bakers and confectioners; flavoring sirups; crushed fruits for soda-fountain use.

**Food preparations, not elsewhere classified.** All food preparations for human consumption which are not classifiable in any of the other industries in the group. Blended and compounded sirups for table use; peanut butter; preparations such as mincemeat, potato chips, and plum and fig puddings; malted-milk products; ice-cream cones, etc.

**Ice manufactured.** Ice manufactured for sale.

**Shortenings (other than lard, see 069), vegetable cooking oils, and salad oils.** Shortenings compounded of both animal and vegetable oils and fats and those made of vegetable oils only; vegetable cooking oils and vegetable salad oils.

**Macaroni, spaghetti, vermicelli, and noodles.**

**Malt.** Malt, made chiefly from barley but to some extent from other grains.

**Oleomargarine and other margarines, not made in meat-packing establishments.**

**Peanuts, walnuts, and other nuts, processed or shelled.** Bleached and shelled walnuts; polished pecans; graded and shelled peanuts; etc.

**Poultry killing, dressing, and packing, wholesale.**

**Rice cleaning and polishing.**

**Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments.**

**Sugar, cane, not including products of refineries.** This classification covers all establishments engaged primarily in the manufacture of sugar (raw or refined), molasses, and sirups, from cane.

**Vinegar and cider.**

U. S. DEPARTMENT OF COMMERCE  
R. D. CHAPIN, Secretary  
BUREAU OF FOREIGN AND DOMESTIC COMMERCE  
FREDERICK M. FEIKER, Director

SCHEDULE A

**STATISTICAL CLASSIFICATION  
OF IMPORTS INTO THE  
UNITED STATES**

**WITH RATES OF DUTY  
AND REGULATIONS GOVERNING THE  
PREPARATION OF MONTHLY AND  
QUARTERLY STATEMENTS OF IMPORTS**

**EFFECTIVE JANUARY 1, 1933**



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1933

## IMPORT SCHEDULE

## Group 00. ANIMALS AND ANIMAL PRODUCTS, EDIBLE

| Class No.                               | Commodity  | Unit of quantity | Code number | Rate of duty               | Tariff paragraph |
|---|--|------------------|-------------|----------------------------|------------------|
| A. ANIMALS, EDIBLE, EXCEPT FOR BREEDING |  |                  |             |                            |                  |
| Cattle:                                 |  |                  |             |                            |                  |
| 0011. 0                                 | Weighing less than 700 lbs., each                            | No.              | 20          | 2½¢ lb.                    | 701              |
|   |  | Lb.              | 1           |                            |                  |
| 0011. 2                                 | Weighing 700 lbs. or over, each                              | No.              | 20          | 3¢ lb.                     | 702              |
|   |  | Lb.              | 1           |                            |                  |
| 0012. 0                                 | Sheep and lambs  | No.              | 20          | \$3 each                   | 703              |
| 0012. 2                                 | Goats  | No.              | 20          | \$3 each                   |                  |
| 0013. 0                                 | Hogs   | Lb.              | 1           | 2¢ lb.                     | 703              |
| Poultry, live:                          |  |                  |             |                            |                  |
| 0014. 0                                 | Turkeys  | Lb.              | 1           | 8¢ lb.                     | 711              |
| 0015. 0                                 | Chickens, ducks, geese, and guineas                          | Lb.              | 1           | 8¢ lb.                     |                  |
| 0015. 5                                 | Baby chicks of poultry                                       | No.              | 20          | 4¢ each                    |                  |
| B. MEAT PRODUCTS                        |  |                  |             |                            |                  |
| Fresh, chilled, or frozen:              |  |                  |             |                            |                  |
| 0018. 0                                 | Beef   | Lb.              | 1           | 6¢ lb.                     | 701              |
| 0019. 0                                 | Veal   | Lb.              | 1           | 6¢ lb.                     |                  |
| 0020. 0                                 | Pork   | Lb.              | 1           | 2½¢ lb.                    | 703              |
| 0021. 0                                 | Mutton   | Lb.              | 1           | 5¢ lb.                     | 702              |
| 0022. 0                                 | Lamb   | Lb.              | 1           | 7¢ lb.                     |                  |
| 0023. 1                                 | Goat meat  | Lb.              | 1           | 5¢ lb.                     | 704              |
| 0023. 2                                 | Reindeer meat  | Lb.              | 1           | 6¢ lb.                     |                  |
| 0023. 3                                 | Venison  | Lb.              | 1           | 6¢ lb.                     |                  |
| 0023. 5                                 | Game (except birds), n. s. p. f. (specify by name).          | Lb.              | 1           | 6¢ lb.                     | 706              |
| 0023. 6                                 | Edible offal (livers, sweetbreads, etc.)                     | Lb.              | 1           | 6¢ lb. or 20% <sup>1</sup> |                  |
| 0023. 9                                 | Meats, n. s. p. f.   | Lb.              | 1           | 6¢ lb. or 20% <sup>1</sup> | 712              |
|   | Birds, including poultry—                                    |                  |             |                            |                  |
|   | Dead, dressed or undressed—                                  |                  |             |                            |                  |
| 0024. 0                                 | Turkeys  | Lb.              | 1           | 10¢ lb.                    | 706              |
| 0025. 2                                 | Chickens, ducks, geese, and guineas                          | Lb.              | 1           | 10¢ lb.                    |                  |
| 0025. 3                                 | Birds, n. s. p. f. (including game birds)                    | Lb.              | 1           | 10¢ lb.                    |                  |
| Prepared or preserved:                  |  |                  |             |                            |                  |
| 0026. 0                                 | Birds, including poultry, prepared or preserved, n. s. p. f. | Lb.              | 1           | 10¢ lb.                    | 706              |
|   | Canned meats—  |                  |             |                            |                  |
| 0028. 0                                 | Beef, including corned beef                                  | Lb.              | 1           | 6¢ lb. or 20% <sup>1</sup> |                  |
| 0028. 1                                 | Meats, n. s. p. f., including liver paste (specify by name). | Lb.              | 1           | 6¢ lb. or 20% <sup>1</sup> | 703              |
| 0029. 0                                 | Beef and veal, pickled or cured                              | Lb.              | 1           | 6¢ lb. or 20% <sup>1</sup> |                  |
|   | Pork—  |                  |             |                            | 706              |
| 0030. 0                                 | Hams, shoulders, and bacon                                   | Lb.              | 1           | 3½¢ lb.                    |                  |
| 0031. 0                                 | Pickled, salted, and other                                   | Lb.              | 1           | 3½¢ lb.                    | 706              |
| 0032. 5                                 | Prepared or preserved meats, n. s. p. f. (specify by name).  | Lb.              | 1           | 6¢ lb. or 20% <sup>1</sup> |                  |
| Sausage casings:                        |  |                  |             |                            |                  |
| 0034. 0                                 | Sheep, lamb, and goat casings                                | Lb.              | 1           | Free                       | 1755             |
| 0035. 0                                 | Weasands, bladders, and intestines                           | Lb.              | 1           | Free                       |                  |
| 0035. 2                                 | Sausage casings, n. s. p. f. (specify by name)               | Lb.              | 1           | Free                       |                  |

<sup>1</sup> Indicate specific rate by 1 and ad valorem by 2 in miscellaneous column.



## INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (\*) require special schedules]

| Ind. No. | INDUSTRY   |
|----------|--|
| 135      | *Liquors, vinous. <i>Transferred to Group 1 from Group 6. Industry number formerly 620.</i>          |
| 506      | *Lithographing.  |
| 1406     | *Locomotives (other than electric), not made in railroad repair shops.                               |
| 704      | Lubricating oils and greases, not made in petroleum refineries.                                      |
| 311      | *Lumber and timber products not elsewhere classified.  |
| 121      | Macaroni, spaghetti, vermicelli, and noodles.  |
| 1318     | *Machine-tool accessories and machinists' precision tools and instruments.                           |
| 1307     | *Machine tools.  |
| 122      | *Malt.   |
| 1014     | Marble, granite, slate, and other stone products.  |
| 312      | Matches.   |
| 238      | Mats and matting, grass and coir.  |
| 1624     | Mattresses and bed springs not elsewhere classified.   |
| 123      | *Meat packing, wholesale.  |
| 1306     | Meters (gas, water, etc.) and gas generators.  |
| 239      | Millinery.   |
| 1015     | Minerals and earths, ground or otherwise treated.  |
| 313      | Mirror and picture frames  |
| 1016     | Mirrors and other glass products made of purchased glass.  |
| 1612     | Miscellaneous articles not elsewhere classified.   |
| 1625     | Models and patterns, not including paper patterns.   |
| 1626     | *Motion pictures, not including projection in theaters.  |
| 1407     | *Motor-vehicle bodies and motor-vehicle parts.   |
| 1408     | *Motor vehicles, not including motorcycles.  |
| 1409     | Motorcycles, bicycles, and parts.  |
| 621      | Mucilage, paste, and other adhesives, except glue and rubber cement.                                 |
| 1627     | Musical-instrument parts and materials: Piano and organ.   |
| 1628     | Musical instruments and parts and materials, not elsewhere classified.                               |
| 1629     | Musical instruments: Organs.   |
| 1630     | Musical instruments: Pianos.   |
| 1113     | *Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills. |
| 1211     | Needles, pins, hooks and eyes, and snap fasteners.   |
| 240      | Nets (fish) and seines.  |
| 1212     | *Nonferrous-metal alloys; nonferrous-metal products, except aluminum, not elsewhere classified.      |
| 622      | Oil, cake, and meal, cottonseed.   |
| 623      | Oil, cake, and meal, linseed.  |
| 624      | Oils, essential.   |
| 625      | Oils not elsewhere classified.   |

## INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (\*) require special schedules]

| Ind. No. | INDUSTRY   |
|----------|--|
| 241      | Oilcloth.  |
| 124      | Oleomargarine and other margarines, not made in meat-packing establishments.   |
| 1631     | Optical goods.   |
| 626      | *Paints and varnishes.   |
| 407      | *Paper.  |
| 408      | *Paper goods not elsewhere classified.   |
| 627      | *Patent or proprietary medicines and compounds.  |
| 1632     | Paving materials: Blocks (except brick and stone) and mixtures.  |
| 125      | <i>Peanuts, walnuts, and other nuts, processed or shelled. Abandoned as a separate industry classification.</i>  |
| 1633     | Pencils, lead (including mechanical).  |
| 1634     | Pens, fountain and stylographic; pen points, gold, steel, and brass.   |
| 628      | *Perfumes, cosmetics, and other toilet preparations.   |
| 705      | *Petroleum refining.   |
| 507      | *Photo-engraving, not done in printing establishments.   |
| 1636     | Photographic apparatus and materials and projection apparatus.   |
| 1637     | Pipes (tobacco).   |
| 314      | *Planing-mill products (including general millwork), made in planing mills not connected with sawmills.  |
| 1114     | *Plumbers' supplies, not including pipe or vitreous-china sanitary ware.   |
| 908      | Pocketbooks, purses, and cardcases.  |
| 1017     | *Pottery, including porcelain ware.  |
| 126      | Poultry killing, dressing, and packing, wholesale.   |
| 1676     | *Power laundries.  |
| 508      | *Printing and publishing, book and job.  |
| 509      | *Printing and publishing, music.   |
| 510      | *Printing and publishing, newspaper and periodical.  |
| 511      | Printing materials, not including type or ink.   |
| 315      | Pulp goods and molded composition products.  |
| 410      | *Pulp (wood and other fiber).  |
| 1309     | *Pumps (hand and power) and pumping equipment.   |
| 1319     | *Radio apparatus and phonographs.  |
| 1501     | Railroad repair shops, electric.   |
| 1502     | Railroad repair shops, steam.  |
| 629      | *Rayon and allied products   |
| 1310     | *Refrigerators and refrigerating and ice-making apparatus.   |
| 316      | <i>Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment. Abandoned as a separate classification; combined with "Refrigerators, mechanical," formerly a separate classification in Group 13 under title "Refrigerators and refrigerating and ice-making apparatus."</i> |



## INDUSTRY GROUP 1.—FOOD AND KINDRED PRODUCTS—Continued

## OFFICE GROUP 1—Continued

| Ind.<br>no. | CLASSIFICATION  | Forin<br>no. |
|-------------|---|--------------|
| 113         | <b>Corn sirup, corn sugar, corn oil, and starch</b> .....<br>Corn sirup; corn sugar; corn, wheat, potato, and root starch;<br>corn oil; corn-oil cake and meal; etc.  | 113          |
| 114         | <b>Feeds, prepared, for animals and fowls (see also Flour and other grain-mill products)</b> .....<br>Feeds prepared from ground grain (either milled by the establishment or purchased) and other ingredients such as alfalfa, molasses, bone meal, etc.; ground oyster shells.  | 116          |
| 115         | <b>Flavoring extracts and flavoring sirups</b> .....<br>Flavoring extracts, pastes, and powders; colors for bakers and confectioners; flavoring sirups; crushed fruits for soda-fountain use.   | 100          |
| 116         | <b>Flour and other grain-mill products (see also Cereal preparations; Feeds, prepared, for animals and fowls)</b> .....<br>Of the establishments engaged in milling grains, those whose chief products are flour and meal are classified in this industry, whereas those whose chief products are cereal preparations or prepared feeds are classified in the "Cereal preparations" or the "Feeds, prepared, for animals and fowls" industry.   | 116          |
| 117         | <b>Food preparations not elsewhere classified</b> .....<br>All food preparations for human consumption which are not classifiable in any of the other industries in the group.<br>Meat products such as boiled and boneless ham; blended and compounded sirups for table use; peanut butter; preparations such as mincemeat, potato chips, and plum and fig puddings; malted-milk products; ice-cream cones, etc. Flavoring sirups, corn sirup, cane-sugar sirup, and beet-sugar sirup are <i>not</i> included, as these products belong to other classifications.      | 100          |
| 118         | <b>Ice cream</b> .....  | 103          |
| 119         | <b>Ice, manufactured</b> .....<br>Ice manufactured for sale.  | 119          |
| 133         | <b>Liquors, distilled, and ethyl alcohol</b> .....  | 100          |
| 134         | <b>Liquors, malt</b> .....  | 101          |
| 135         | <b>Liquors, vinous</b> .....  | 101          |
| 121         | <b>Macaroni, spaghetti, vermicelli, and noodles</b> .....   | 100          |
| 122         | <b>Malt</b> .....<br>Malt, made chiefly from barley but to some extent from other grains.   | 116          |
| 123         | <b>Meat packing, wholesale (see also Shortenings (other than lard), vegetable cooking oils, and salad oil; Oleomargarine and other margarines; Sausage, etc., and sausage casings)</b> .....<br>This classification covers establishments engaged in both slaughtering cattle, hogs, sheep, or other animals and preserving all or a part of the raw stock by canning, salting, smoking, or otherwise curing it for the trade; establishments which purchase raw stock from slaughterhouses and preserve it; and establishments engaged in wholesale slaughtering only. | 123          |
| 124         | <b>Oleomargarine and other margarines, not made in meat-packing establishments (see also Meat packing)</b> .....  | 100          |



## INDUSTRY GROUP 1.—FOOD AND KINDRED PRODUCTS—Contd.

## OFFICE GROUP 1—Continued

| Ind.<br>no. | CLASSIFICATION  | Form<br>no. |
|-------------|---|-------------|
| 125         | <i>Peanuts, walnuts, and other nuts, processed or shelled. Abandoned as a manufacturing industry.</i>   |             |
| 126         | <b>Poultry killing, dressing, and packing, wholesale</b><br>This classification covers establishments with products valued at \$20,000 or more, engaged primarily in poultry killing, dressing, and packing (including canning), for the wholesale trade.         | 100         |
| 127         | <b>Rice cleaning and polishing</b>  | 100         |
| 128         | <b>Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments (see also Meat packing)</b>   | 100         |
| 120         | <b>Shortenings (other than lard), vegetable cooking oils, and salad oils (see also Meat packing)</b><br>Shortenings compounded of both animal and vegetable oils and fats and those made of vegetable oils only; vegetable cooking oils and vegetable salad oils. | 100         |
| 129         | <b>Sugar, beet</b>  | 129         |
| 130         | <b>Sugar, cane, not including products of refineries</b><br>This classification covers all establishments engaged primarily in the manufacture of sugar (raw or refined), molasses, and sirups, from cane.  | 130         |
| 131         | <b>Sugar refining, cane</b><br>This classification embraces establishments engaged wholly or mainly in refining raw cane sugar, practically all of which is imported.   | 131         |
| 132         | <b>Vinegar and cider</b>  | 105         |

U. S. DEPARTMENT OF COMMERCE  
Sinclair Weeks, Secretary

BUREAU OF THE CENSUS  
Robert W. Burgess, Director

Washington 25, D. C.

**CENSUS**

EXTRACTS FROM

FOREIGN COMMERCE AND NAVIGATION OF THE UNITED STATES

Calendar Year 1933



PREPARED UNDER THE SUPERVISION OF  
J. EDWARD ELY  
Chief, Foreign Trade Division  
Bureau of the Census



# No. 4.—GENERAL IMPORTS OF MERCHANDISE INTO THE UNITED STATES, BY ARTICLES AND COUNTRIES, DURING THE CALENDAR YEAR 1933

NOTE.—In this table the countries are grouped under geographical divisions as follows: Europe, North America, South America, Asia, Oceania, and Africa. The countries in each group are arranged in alphabetical order, but the group headings are omitted in order to save space. The complete country classification, showing countries and dependencies embraced under each title, is shown on the introductory pages VI and VII.

The articles are listed in the order of Schedule A, Statistical Classification of Imports, as follows:

- |   |   |
|---|---|
| Group 00. Animals and animal products, edible, classes 0011-0097.                 | Group 5. Nonmetallic minerals, classes 5000-5958.                                   |
| Group 0. Animals and animal products, inedible, classes 0201-0090.                | Group 6. Metals and manufactures, except machinery and vehicles, classes 6001-6900. |
| Group 1. Vegetable food products and beverages, classes 1031-1770.                | Group 7. Machinery and vehicles, classes 7003-7930.                                 |
| Group 2. Vegetable products, inedible, except fibers and wood, classes 2001-2960. | Group 8. Chemicals and related products, classes 8000-8731.                         |
| Group 3. Textile fibers and manufactures, classes 3001-3981.                      | Group 9. Miscellaneous, classes 9000-9990.  |
| Group 4. Wood and paper, classes 4016-4790.                                       |   |

The class numbers in addition to the titles are printed at the head of each class in order to facilitate reference.

[Abbreviation: n. e. s., not elsewhere specified. The ton equals 2,240 pounds avoirdupois unless otherwise specified.]

## GROUP 00. ANIMAL PRODUCTS, EDIBLE

| COUNTRY                         | General imports of merchandise |                        |                        | Animals, edible |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
|---------------------------------|--------------------------------|------------------------|------------------------|-----------------|-------------------|-----------------------------------|--------------------|-----------------|------------------|-------------------------|----------------|-------------------------------|----------------|------------------|
|                                 | Total value of merchandise     | Total free of duty     | Total subject to duty  | 11. Cattle      |                   | 12. Sheep, lambs and goats (dut.) |                    | 13. Hogs (dut.) |                  | 14. Live turkeys (dut.) |                | 15. Other live poultry (dut.) |                |                  |
|                                 |                                |                        |                        | Free            | Dutiable          | Free                              | Dutiable           | Free            | Dutiable         | Free                    | Dutiable       |                               |                |                  |
| TOTAL                           | Dollars<br>1,449,558,740       | Dollars<br>878,100,199 | Dollars<br>571,458,541 | Number<br>1,613 | Dollars<br>41,702 | Number<br>74,658                  | Dollars<br>652,941 | Number<br>1,114 | Dollars<br>6,906 | Pounds<br>6,470         | Dollars<br>500 | Pounds<br>977                 | Dollars<br>161 | Dollars<br>7,690 |
| Albania                         | 28,564                         | 160                    | 28,404                 |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Austria                         | 2,590,999                      | 382,060                | 2,208,940              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Azores and Madeira Islands      | 788,940                        | 883                    | 788,057                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Belgium                         | 23,163,235                     | 6,185,837              | 16,977,378             |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Bulgaria                        | 315,343                        | 265,639                | 29,704                 |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Czechoslovakia                  | 14,650,527                     | 1,349,064              | 13,301,463             |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Denmark                         | 1,785,549                      | 339,184                | 1,446,365              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Estonia                         | 549,027                        | 386,760                | 162,267                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Finland                         | 8,915,533                      | 8,042,512              | 873,021                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| France                          | 49,701,854                     | 14,489,721             | 35,212,133             |                 |                   |                                   |                    |                 |                  |                         |                |                               |                | 96               |
| Germany                         | 78,184,540                     | 21,933,299             | 56,251,241             |                 |                   |                                   |                    |                 |                  |                         |                |                               |                | 512              |
| Gibraltar                       | 41,554                         | 40,383                 | 1,171                  |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Greece                          | 5,967,413                      | 1,107,291              | 4,860,122              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Hungary                         | 1,185,455                      | 53,699                 | 1,131,756              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Iceland                         | 489,979                        | 301,336                | 188,643                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Irish Free State                | 507,568                        | 193,492                | 314,076                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Italy                           | 38,570,622                     | 9,753,673              | 28,816,949             |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Latvia                          | 415,515                        | 65,410                 | 350,105                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Lithuania                       | 372,691                        | 213,582                | 159,109                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Malta, Goso, and Cyprus         | 93,024                         | 68,931                 | 24,093                 |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Netherlands                     | 30,949,428                     | 15,067,972             | 15,861,456             |                 |                   |                                   |                    |                 |                  |                         |                |                               |                | 565              |
| Norway                          | 13,159,754                     | 6,493,010              | 6,666,744              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Poland and Danzig               | 2,685,564                      | 662,911                | 2,022,653              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Portugal                        | 3,368,013                      | 2,359,662              | 1,008,351              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Rumania                         | 402,767                        | 126,355                | 276,412                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Soviet Russia in Europe         | 11,347,568                     | 5,186,837              | 6,160,731              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Spain                           | 13,701,439                     | 4,897,329              | 8,804,110              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                | 547              |
| Sweden                          | 30,972,309                     | 26,343,734             | 4,628,575              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Switzerland                     | 14,550,933                     | 1,080,122              | 13,470,811             |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| United Kingdom                  | 111,218,130                    | 52,378,358             | 58,839,772             |                 |                   |                                   |                    |                 |                  |                         |                |                               |                | 1,429            |
| Yugoslavia                      | 1,495,003                      | 423,752                | 1,071,251              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Canada                          | 185,408,850                    | 129,926,931            | 55,481,919             |                 |                   | 1,370                             | 29,211             | 1,112           | 6,900            | 6,470                   | 500            | 977                           | 161            | 3,830            |
| British Honduras                | 430,410                        | 389,945                | 40,465                 |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Costa Rica                      | 3,943,793                      | 3,942,032              | 1,761                  |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Guatemala                       | 3,483,802                      | 3,469,574              | 14,228                 |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Honduras                        | 7,046,395                      | 6,952,773              | 93,622                 |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Nicaragua                       | 2,224,718                      | 2,206,386              | 18,462                 |                 |                   |                                   |                    |                 |                  |                         |                |                               |                | 8                |
| Panama                          | 3,375,574                      | 3,167,571              | 208,003                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Salvador                        | 2,107,850                      | 2,078,441              | 29,400                 |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Greenland                       | 150,070                        | 150,070                |                        |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Mexico                          | 30,716,021                     | 16,704,020             | 14,012,001             |                 |                   | 73,288                            | 623,730            |                 |                  |                         |                |                               |                | 2                |
| Miquelon and St. Pierre Islands | 338,428                        | 4,153                  | 334,275                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Newfoundland and Labrador       | 4,753,523                      | 3,938,486              | 815,037                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Bermudas                        | 419,044                        | 282,962                | 136,082                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Barbados                        | 178,455                        | 15,019                 | 163,436                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Jamaica                         | 1,246,434                      | 675,192                | 571,242                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Trinidad and Tobago             | 1,536,275                      | 1,245,238              | 291,037                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Other British West Indies       | 684,741                        | 523,367                | 161,374                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Cuba                            | 58,497,548                     | 4,540,013              | 53,957,535             |                 |                   |                                   |                    |                 |                  |                         |                |                               |                | 84               |
| Dominican Republic              | 3,279,352                      | 2,075,022              | 1,204,330              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                | 458              |
| Netherland West Indies          | 6,533,336                      | 440,591                | 6,092,745              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| French West Indies              | 91,440                         | 84,198                 | 7,242                  |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Haiti, Republic of              | 803,681                        | 716,100                | 87,581                 |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Virgin Islands of United States | 516,846                        | 515,723                | 1,123                  | 1,613           | 41,702            |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Argentina                       | 33,841,203                     | 7,177,883              | 26,663,320             |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Bolivia                         | 104,675                        | 54,822                 | 49,763                 |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Brazil                          | 82,628,106                     | 79,569,342             | 3,058,764              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Chile                           | 11,503,492                     | 7,356,458              | 4,147,034              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Colombia                        | 47,636,597                     | 42,212,543             | 5,424,054              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                | 14               |
| Ecuador                         | 1,887,906                      | 900,748                | 987,157                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Falkland Islands                | 178,471                        | 178,471                |                        |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| British Guiana                  | 275,697                        | 28,419                 | 247,278                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Surinam                         | 1,229,679                      | 606,282                | 623,397                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| French Guiana                   | 36,784                         | 36,067                 | 717                    |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Paraguay                        | 261,931                        | 51,825                 | 210,106                |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Peru                            | 5,472,219                      | 1,190,322              | 4,281,897              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Uruguay                         | 3,772,861                      | 602,449                | 3,170,412              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Venezuela                       | 13,450,036                     | 4,706,826              | 8,743,210              |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |
| Aden                            | 1,041,679                      | 1,040,254              | 1,425                  |                 |                   |                                   |                    |                 |                  |                         |                |                               |                |                  |



| COUNTRY                   | Total meat products<br>18-35 |           | Meats                     |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
|---------------------------|------------------------------|-----------|---------------------------|---------|---------------------------|---------|---------------------------|---------|-----------------------------|---------|---------------------------|---------|---------------------------------|---------|
|                           |                              |           | 18. Beef, fresh<br>(dut.) |         | 19. Veal, fresh<br>(dut.) |         | 20. Pork, fresh<br>(dut.) |         | 21. Mutton, fresh<br>(dut.) |         | 22. Lamb, fresh<br>(dut.) |         | 23. Other fresh<br>meats (dut.) |         |
|                           |                              |           | Pounds                    | Dollars | Pounds                    | Dollars | Pounds                    | Dollars | Pounds                      | Dollars | Pounds                    | Dollars | Pounds                          | Dollars |
| TOTAL                     | 62,476,133                   | 9,443,164 | 320,775                   | 23,926  | 56,974                    | 2,384   | 538,730                   | 58,017  | 9,500                       | 400     | 5,891                     | 602     | 579,367                         | 47,497  |
| Austria                   | 28,881                       | 8,551     |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Belgium                   | 47                           | 17        |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Czechoslovakia            | 24,478                       | 12,687    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Denmark                   | 290,745                      | 45,709    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Finland                   | 965                          | 163       |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| France                    | 136,355                      | 85,104    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Germany                   | 1,026,573                    | 270,045   |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Hungary                   | 25,282                       | 7,650     |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Iceland                   | 2,330                        | 2,926     |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Irish Free State          | 59,793                       | 12,421    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Italy                     | 184,993                      | 63,609    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Latvia                    | 23,465                       | 1,417     |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Lithuania                 | 915                          | 916       |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Netherlands               | 115,352                      | 49,377    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Norway                    | 14,391                       | 2,069     |                           |         |                           |         |                           |         |                             |         | 26                        | 4       | 334                             | 58      |
| Poland and Danzig         | 200,342                      | 42,075    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Rumania                   | 866                          | 118       |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Soviet Russia in Europe   | 497,730                      | 956,583   |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Spain                     | 28,759                       | 14,654    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Sweden                    | 7,810                        | 1,169     |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Switzerland               | 2,193                        | 2,503     |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| United Kingdom            | 314,245                      | 160,000   |                           |         |                           |         |                           |         |                             |         |                           |         | 71,994                          | 14,284  |
| Yugoslavia                | 4,060                        | 5,764     |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Canada                    | 4,115,191                    | 774,163   | 152,153                   | 14,645  | 6,546                     | 525     | 538,730                   | 58,017  | 3,535                       | 211     | 5,560                     | 567     | 169,131                         | 20,835  |
| Panama                    | 27,027                       | 2,163     |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Mexico                    | 6,905                        | 1,201     |                           |         |                           |         |                           |         |                             |         |                           |         | 4,710                           | 754     |
| Newfoundland and Labrador | 573                          | 67        |                           |         |                           |         |                           |         |                             |         |                           |         | 90                              | 20      |
| Cuba                      | 2,514                        | 103       |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Argentina                 | 23,992,400                   | 1,961,989 |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Brazil                    | 606,388                      | 45,643    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Chile                     | 492,115                      | 53,116    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Paraguay                  | 1,326,273                    | 125,997   |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Peru                      | 52,658                       | 445       |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Uruguay                   | 23,553,883                   | 1,522,026 |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| British India             | 33,924                       | 50,836    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| China                     | 603,977                      | 512,288   |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Hong Kong                 | 136,669                      | 42,143    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Iraq                      | 145,023                      | 195,107   |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Japan                     | 180,862                      | 36,649    |                           |         |                           |         |                           |         |                             |         |                           |         | 2,007                           | 475     |
| Persia                    | 172,126                      | 187,182   |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Siam                      | 1,138                        | 918       |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Syria                     | 65,467                       | 112,873   |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Turkey in Asia and Europe | 371,674                      | 615,874   |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Other Asia                | 871                          | 500       |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Australia                 | 1,603,148                    | 630,335   | 18,975                    | 1,443   |                           |         |                           |         | 6,025                       | 189     | 100                       | 13      | 308,699                         | 12,192  |
| New Zealand               | 1,854,048                    | 713,362   | 149,644                   | 7,838   | 50,428                    | 1,859   |                           |         |                             |         | 205                       | 19      | 25,243                          | 1,695   |
| Union of South Africa     | 32,939                       | 12,615    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Egypt                     | 310                          | 224       |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Algeria and Tunisia       | 5,576                        | 5,199     |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |
| Morocco                   | 102,087                      | 90,619    |                           |         |                           |         |                           |         |                             |         |                           |         |                                 |         |



## No. 4.—GENERAL IMPORTS, 1933—GROUP 00—ANIMAL PRODUCTS, EDIBLE

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| COUNTRY                   | Meats—Continued          |         |                                |         |                              |         |                         |           |  |         |  |         |  |         |
|---------------------------|--------------------------|---------|--------------------------------|---------|------------------------------|---------|-------------------------|-----------|--|---------|--|---------|--|---------|
|                           | 24. Turkeys, dead (dut.) |         | 25. Other poultry, dead (dut.) |         | 26. Poultry, prepared (dut.) |         | 28. Canned meats (dut.) |           | 29. Beef and veal, pickled or cured (dut.) |         | 30. Pork—hams, shoulders, and bacon (dut.) |         | 31. Pork—pickled, salted, and other (dut.) |         |
|                           | Pounds                   | Dollars | Pounds                         | Dollars | Pounds                       | Dollars | Pounds                  | Dollars   | Pounds                                     | Dollars | Pounds                                     | Dollars | Pounds                                     | Dollars |
| TOTAL                     | 307,147                  | 40,106  | 155,248                        | 50,004  | 297,555                      | 147,926 | 43,024,989              | 2,812,806 | 657,818                                    | 39,368  | 1,608,677                                  | 398,177 | 688,110                                    | 216,215 |
| Austria                   |                          |         | 20,214                         | 5,306   |                              |         |                         | 7         |  |         |  |         | 18   | 6       |
| Belgium                   |                          |         |                                |         |                              |         | 47                      | 17        |  |         |  |         |  |         |
| Czechoslovakia            |                          |         |                                |         |                              |         |                         |           |  |         | 16,887                                     | 6,716   | 3,456                                      | 1,211   |
| Denmark                   |                          |         |                                |         | 201                          | 50      | 22,845                  | 5,034     |  |         | 5,052                                      | 1,088   | 23,541                                     | 2,887   |
| Finland                   |                          |         |                                |         |                              |         | 540                     | 89        |  |         |  |         | 425  | 74      |
| France                    |                          |         |                                |         | 56,823                       | 70,188  | 12,933                  | 3,287     |  |         | 1,909                                      | 699     | 1,603                                      | 555     |
| Germany                   |                          |         | 850                            | 292     | 394                          | 371     | 33,210                  | 9,868     |  |         | 204,168                                    | 69,870  | 209,611                                    | 76,867  |
| Hungary                   |                          |         |                                |         | 4,688                        | 2,354   | 3,551                   | 367       |  |         |  |         | 17,043                                     | 4,929   |
| Irish Free State          |                          |         |                                |         |                              |         |                         |           |  |         | 59,793                                     | 12,421  |  |         |
| Italy                     |                          |         |                                |         | 144                          | 163     | 5,372                   | 1,632     |  |         | 7,877                                      | 2,592   | 171,420                                    | 59,018  |
| Lithuania                 |                          |         |                                |         |                              |         | 115                     | 15        |  |         |  |         |  |         |
| Netherlands               |                          |         |                                |         |                              |         | 6,586                   | 1,077     |  |         | 23,270                                     | 6,938   | 22,407                                     | 6,941   |
| Norway                    |                          |         | 416                            | 95      | 66                           | 28      | 10,544                  | 1,192     |  |         |  |         | 2,995                                      | 986     |
| Poland and Danzig         |                          |         |                                |         |                              |         | 768                     | 108       |  |         | 163,311                                    | 35,135  | 34,030                                     | 5,792   |
| Soviet Russia in Europe   |                          |         | 2,000                          | 691     |                              |         |                         |           |  |         |  |         |  |         |
| Spain                     |                          |         |                                |         | 461                          | 211     | 1,455                   | 376       |  |         | 2,131                                      | 1,408   | 24,051                                     | 11,736  |
| Sweden                    |                          |         |                                |         | 25                           | 15      | 1,541                   | 419       |  |         |  |         | 1,101                                      | 349     |
| Switzerland               |                          |         |                                |         |                              |         |                         |           | 192  | 157     |  |         | 506  | 112     |
| United Kingdom            |                          |         | 30,061                         | 9,005   | 9,421                        | 5,855   | 20,483                  | 6,620     |  |         | 31,848                                     | 6,429   | 1,984                                      | 827     |
| Canada                    | 4,716                    | 988     | 7,126                          | 1,346   | 99                           | 33      | 8,018                   | 2,949     | 7,382                                      | 1,156   | 1,170,295                                  | 253,034 | 115,606                                    | 35,578  |
| Mexico                    |                          |         | 1,094                          | 253     |                              |         |                         |           |  |         |  |         |  |         |
| Newfoundland and Labrador |                          |         |                                |         |                              |         | 208                     | 27        |  |         |  |         |  |         |
| Cuba                      |                          |         |                                |         |                              |         |                         |           | 275  | 20      |  |         |  |         |
| Argentina                 | 302,366                  | 39,112  | 612                            | 145     |                              |         | 19,659,546              | 1,296,344 |  |         |  |         |  |         |
| Brazil                    |                          |         |                                |         |                              |         |                         |           | 114  | 13      |  |         |  |         |
| Chile                     | 65                       | 6       | 4,548                          | 441     |                              |         |                         |           | 37,993                                     | 2,106   |  |         |  |         |
| Paraguay                  |                          |         |                                |         |                              |         | 1,326,273               | 125,997   | 68   | 11      |  |         |  |         |
| Uruguay                   |                          |         | 78,821                         | 31,218  |                              |         | 21,845,850              | 1,348,777 | 611,409                                    | 35,879  |  |         |  |         |
| China                     |                          |         | 8,516                          | 1,152   | 59,597                       | 21,372  |                         |           |  |         | 287  | 50      | 785  | 183     |
| Hong Kong                 |                          |         |                                |         | 135,886                      | 41,903  |                         |           |  |         | 380  | 72      | 313  | 121     |
| Japan                     |                          |         |                                |         | 29,750                       | 5,383   | 64,021                  | 8,434     |  |         | 12,169                                     | 2,025   | 57,215                                     | 8,433   |
| New Zealand               |                          |         |                                |         |                              |         | 288                     | 64        |  |         |  |         |  |         |

| COUNTRY                   | Meats—Continued                 |         |  |           |                                  |         | 36. Animal oils and fats, edible |         |          |         | Dairy products   |         |                 |         |
|---------------------------|---------------------------------|---------|--|-----------|----------------------------------|---------|----------------------------------|---------|----------|---------|------------------|---------|-----------------|---------|
|                           | 32. Other prepared meats (dut.) |         | 34. Sausage casings—sheep, lamb, and goat (free) |           | 35. Other sausage casings (free) |         | Free                             |         | Dutiable |         | 37. Cream (dut.) |         | 38. Milk (dut.) |         |
|                           | Pounds                          | Dollars | Pounds   | Dollars   | Pounds                           | Dollars | Pounds                           | Dollars | Pounds   | Dollars | Gallons          | Dollars | Gallons         | Dollars |
| TOTAL                     | 4,805                           | 667     | 6,199,544  | 4,788,262 | 7,930,943                        | 816,807 | 187,074                          | 8,985   | 99,928   | 3,980   | 26,976           | 32,467  | 47,258          | 7,687   |
| Austria                   |                                 |         | 6,490  | 2,938     |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Czechoslovakia            |                                 |         | 4,132  | 4,760     |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Denmark                   | 2,500                           | 274     | 8,326  | 9,064     | 228,280                          | 27,312  |                                  |         |          |         | 18               | 37      |                 |         |
| France                    |                                 |         | 5,753  | 6,364     | 58,034                           | 4,011   |                                  |         |          |         |                  |         |                 |         |
| Germany                   | 174                             | 27      | 54,837   | 54,294    | 523,329                          | 58,766  |                                  |         | 3,163    | 607     |                  |         |                 |         |
| Iceland                   |                                 |         | 2,330  | 2,926     |                                  |         |                                  |         |          |         |                  |         | 10              | 8       |
| Italy                     |                                 |         | 180  | 204       |                                  |         |                                  |         | 455      | 67      |                  |         |                 |         |
| Latvia                    |                                 |         |  |           | 23,465                           | 1,417   |                                  |         |          |         |                  |         |                 |         |
| Lithuania                 |                                 |         | 800  | 901       |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Netherlands               |                                 |         | 17,879   | 21,688    | 45,210                           | 12,733  |                                  |         |          |         |                  |         |                 |         |
| Norway                    |                                 |         | 10   | 6         |                                  |         |                                  |         | 48       | 7       | 1,049            | 1,859   |                 |         |
| Poland and Danzig         |                                 |         | 2,233  | 1,130     |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Rumania                   |                                 |         | 666  | 118       |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Soviet Russia in Europe   |                                 |         | 490,100  | 939,984   | 4,630                            | 15,998  |                                  |         |          |         |                  |         |                 |         |
| Spain                     |                                 |         | 661  | 923       |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Sweden                    |                                 |         |  |           | 5,143                            | 386     |                                  |         |          |         |                  |         |                 |         |
| Switzerland               |                                 |         | 1,495  | 2,234     |                                  |         |                                  |         |          |         | 93               | 226     |                 |         |
| United Kingdom            |                                 |         | 147,065  | 119,754   | 1,379                            | 976     |                                  |         | 191      | 11      | 19               | 31      |                 |         |
| Yugoslavia                |                                 |         | 4,060  | 5,764     |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Canada                    | 1,224                           | 190     | 401,806  | 249,652   | 1,523,264                        | 134,437 |                                  |         | 2,136    | 207     | 24,797           | 30,314  | 47,248          | 7,679   |
| Panama                    |                                 |         |  |           | 27,027                           | 2,163   |                                  |         |          |         |                  |         |                 |         |
| Mexico                    | 850                             | 164     |  |           | 251                              | 30      |                                  |         |          |         |                  |         |                 |         |
| Cuba                      |                                 |         |  |           | 2,400                            | 90      |                                  |         |          |         |                  |         |                 |         |
| Argentina                 | 57                              | 12      | 678,649  | 338,600   | 3,350,785                        | 287,749 |                                  |         |          |         |                  |         |                 |         |
| Brazil                    |                                 |         | 12,328   | 11,066    | 556,067                          | 32,442  |                                  |         |          |         |                  |         |                 |         |
| Chile                     |                                 |         | 261,000  | 38,990    | 135,714                          | 13,602  |                                  |         |          |         |                  |         |                 |         |
| Peru                      |                                 |         | 701  | 591       | 51,957                           | 3,854   |                                  |         |          |         |                  |         |                 |         |
| Uruguay                   |                                 |         | 43,522   | 33,334    | 974,281                          | 72,818  |                                  |         |          |         |                  |         |                 |         |
| British India             |                                 |         | 33,924   | 50,836    |                                  |         |                                  |         |          |         |                  |         |                 |         |
| China                     |                                 |         | 291,331  | 366,890   | 243,461                          | 122,641 |                                  |         |          |         |                  |         |                 |         |
| Hong Kong                 |                                 |         |  |           | 20                               | 11      |                                  |         |          |         |                  |         |                 |         |
| Iraq                      |                                 |         | 143,158  | 192,835   | 1,865                            | 2,272   |                                  |         |          |         |                  |         |                 |         |
| Japan                     |                                 |         | 15,700   | 11,899    |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Persia                    |                                 |         | 172,126  | 187,182   |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Philippine Islands        |                                 |         |  |           |                                  |         | 187,074                          | 8,985   |          |         |                  |         |                 |         |
| Siam                      |                                 |         | 1,138  | 918       |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Syria                     |                                 |         | 65,467   | 112,873   |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Turkey in Asia and Europe |                                 |         | 371,674  | 615,874   |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Other Asia                |                                 |         | 871  | 500       |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Australia                 |                                 |         | 1,234,531  | 597,493   | 129,825                          | 19,006  |                                  |         | 46,281   | 1,422   |                  |         |                 |         |
| New Zealand               |                                 |         | 1,588,588  | 697,710   | 39,647                           | 4,173   |                                  |         | 47,454   | 1,752   |                  |         |                 |         |
| Union of South Africa     |                                 |         | 28,110   | 11,913    | 4,429                            | 702     |                                  |         |          |         |                  |         |                 |         |
| Egypt                     |                                 |         | 310  | 224       |                                  |         |                                  |         |          |         |                  |         |                 |         |
| Algeria and Tunisia       |                                 |         | 5,496  | 8,191     | 80                               | 8       |                                  |         |          |         |                  |         |                 |         |
| Morocco                   |                                 |         | 102,087  | 90,619    |                                  |         |                                  |         |          |         |                  |         |                 |         |



## 202 No. 4.—GENERAL IMPORTS, 1933—GROUP 00—ANIMAL PRODUCTS, EDIBLE

| COUNTRY                         | Dairy products—Continued                 |         |                                  |         |                   |         |  |           |                         |           | Total fish and fish products 50-56 |            | 50-56. Fish—product of the Philippine Islands (free) |         |
|---------------------------------|--|---------|----------------------------------|---------|-------------------|---------|--|-----------|-------------------------|-----------|------------------------------------|------------|--|---------|
|                                 | 40. Condensed and evaporated milk (dut.) |         | 41. Dried and malted milk (dut.) |         | 44. Butter (dut.) |         | 45. Cheese—Emmenthaler or Swiss (dut.) |           | 46. Other cheese (dut.) |           |                                    |            |  |         |
|                                 | Pounds                                   | Dollars | Pounds                           | Dollars | Pounds            | Dollars | Pounds                                 | Dollars   | Pounds                  | Dollars   | Pounds                             | Dollars    | Pounds   | Dollars |
| TOTAL                           | 1,117,957                                | 50,526  | 561,224                          | 99,132  | 1,021,806         | 160,626 | 10,724,473                             | 2,499,419 | 37,672,267              | 8,115,848 | 288,409,653                        | 22,148,632 | 260,633  | 8,418   |
| Albania                         |  |         |                                  |         |                   |         |  |           | 210,813                 | 25,895    |                                    |            |  |         |
| Austria                         |  |         |                                  |         |                   |         | 229,253                                | 46,255    | 9,392                   | 1,664     |                                    |            |  |         |
| Azores and Madeira Islands      |  |         |                                  |         |                   |         |  |           |                         |           | 9,180                              | 382        |  |         |
| Belgium                         | 66                                       | 16      |                                  |         |                   |         |  |           | 1,616                   | 229       | 8,106                              | 334        |  |         |
| Bulgaria                        |  |         |                                  |         | 2,690             | 664     |  |           | 81,809                  | 11,418    | 55                                 | 7          |  |         |
| Czechoslovakia                  |  |         |                                  |         |                   |         |  |           | 50,496                  | 7,969     |                                    |            |  |         |
| Denmark                         | 323                                      | 21      |                                  |         | 90,967            | 29,615  | 587,101                                | 91,361    | 837,697                 | 130,750   | 91,351                             | 2,383      |  |         |
| Estonia                         |  |         |                                  |         |                   |         |  |           |                         |           | 12,219                             | 1,140      |  |         |
| Finland                         |  |         |                                  |         |                   |         | 1,075,377                              | 162,611   | 186,846                 | 33,880    | 123,784                            | 3,633      |  |         |
| France                          |  |         |                                  |         |                   |         | 1,280                                  | 532       | 3,173,257               | 1,005,669 | 255,406                            | 75,090     |  |         |
| Germany                         |  |         | 529                              | 280     |                   |         | 455,236                                | 98,266    | 303,975                 | 81,608    | 698,883                            | 51,457     |  |         |
| Greece                          |  |         |                                  |         | 1,573             | 512     |  |           | 1,936,878               | 260,008   | 52,280                             | 8,413      |  |         |
| Iceland                         |  |         |                                  |         |                   |         |  |           |                         |           | 1,111,512                          | 27,653     |  |         |
| Irish Free State                | 210                                      | 12      |                                  |         |                   |         |  |           |                         |           | 388,926                            | 12,909     |  |         |
| Italy                           |  |         |                                  |         | 5,190             | 914     | 3,471                                  | 697       | 24,669,315              | 5,603,704 | 1,926,809                          | 456,185    |  |         |
| Latvia                          |  |         |                                  |         |                   |         |  |           | 35                      | 5         | 1,062,632                          | 95,171     |  |         |
| Malta, Goso, and Cyprus         |  |         |                                  |         |                   |         |  |           | 10,198                  | 828       |                                    |            |  |         |
| Netherlands                     | 1,115,723                                | 50,410  | 121,646                          | 5,533   | 55                | 12      |  |           | 2,012,511               | 249,950   | 9,440,243                          | 394,645    |  |         |
| Norway                          |  |         |                                  |         |                   |         |  |           | 547,096                 | 77,722    | 40,308,244                         | 2,763,225  |  |         |
| Poland and Danzig               |  |         |                                  |         |                   |         |  |           | 11,943                  | 1,834     | 32,239                             | 3,459      |  |         |
| Portugal                        |  |         |                                  |         |                   |         |  |           | 1,469                   | 296       | 5,727,141                          | 677,126    |  |         |
| Rumania                         |  |         |                                  |         |                   |         |  |           | 10,264                  | 948       | 3,171                              | 284        |  |         |
| Soviet Russia in Europe         |  |         |                                  |         | 206,287           | 19,454  |  |           |                         |           | 2,485,753                          | 465,545    |  |         |
| Spain                           |  |         |                                  |         |                   |         |  |           | 60                      | 21        | 3,419,544                          | 392,666    |  |         |
| Sweden                          |  |         |                                  |         | 1,200             | 110     |  |           | 78,554                  | 9,808     | 2,268,402                          | 109,846    |  |         |
| Switzerland                     |  |         | 2,204                            | 909     | 863               | 311     | 8,372,755                              | 2,099,737 | 1,419,535               | 340,587   |                                    |            |  |         |
| United Kingdom                  |  |         | 3,817                            | 1,604   | 120,228           | 15,126  |  |           | 114,228                 | 34,197    | 10,260,633                         | 742,011    |  |         |
| Yugoslavia                      |  |         |                                  |         |                   |         |  |           | 63,870                  | 8,762     | 410                                | 51         |  |         |
| Canada                          | 1,281                                    | 41      | 433,028                          | 90,908  | 34,463            | 7,762   |  |           | 1,028,483               | 122,918   | 137,316,647                        | 8,637,784  |  |         |
| British Honduras                |  |         |                                  |         |                   |         |  |           |                         |           | 375                                | 120        |  |         |
| Costa Rica                      |  |         |                                  |         |                   |         |  |           |                         |           | 56,595                             | 4,804      |  |         |
| Nicaragua                       |  |         |                                  |         |                   |         |  |           | 185                     | 9         | 355,800                            | 16,799     |  |         |
| Panama                          |  |         |                                  |         |                   |         |  |           |                         |           | 17,000                             | 1,005      |  |         |
| Mexico                          |  |         |                                  |         |                   |         |  |           | 6,397                   | 1,209     | 5,771,210                          | 402,975    |  |         |
| Miquelon and St. Pierre Islands |  |         |                                  |         |                   |         |  |           |                         |           | 494,800                            | 10,400     |  |         |
| Newfoundland and Labrador       |  |         |                                  |         |                   |         |  |           | 4,464                   | 476       | 16,792,977                         | 651,035    |  |         |
| Jamaica                         |  |         |                                  |         |                   |         |  |           |                         |           | 62,670                             | 3,080      |  |         |
| Trinidad and Tobago             |  |         |                                  |         |                   |         |  |           |                         |           | 100                                | 5          |  |         |
| Other British West Indies       |  |         |                                  |         |                   |         |  |           |                         |           | 97,382                             | 3,445      |  |         |
| Cuba                            | 165                                      | 8       |                                  |         |                   |         |  |           | 1,350                   | 150       | 37,686                             | 3,863      |  |         |
| Dominican Republic              |  |         |                                  |         |                   |         |  |           | 2,365                   | 308       |                                    |            |  |         |
| Virgin Islands of United States |  |         |                                  |         |                   |         |  |           |                         |           | 13,997                             | 863        |  |         |
| Argentina                       |  |         |                                  |         |                   |         |  |           | 840,366                 | 127,975   |                                    |            |  |         |
| Chile                           |  |         |                                  |         |                   |         |  |           | 1,149                   | 166       |                                    |            |  |         |
| Venezuela                       |  |         |                                  |         |                   |         |  |           |                         |           | 1,764                              | 242        |  |         |
| British India                   |  |         |                                  |         | 213               | 23      |  |           |                         |           | 102                                | 47         |  |         |
| China                           |  |         |                                  |         |                   |         |  |           |                         |           | 118,646                            | 18,493     |  |         |
| Netherland East Indies          |  |         |                                  |         |                   |         |  |           |                         |           | 300                                | 68         |  |         |
| Hong Kong                       |  |         |                                  |         |                   |         |  |           |                         |           | 819,625                            | 155,243    |  |         |
| Japan                           | 189                                      | 15      |                                  |         |                   |         |  |           |                         |           | 41,675,263                         | 5,190,343  |  |         |
| Palestine                       |  |         |                                  |         |                   |         |  |           | 120                     | 12        |                                    |            |  |         |
| Philippine Islands              |  |         |                                  |         |                   |         |  |           |                         |           | 271,355                            | 8,608      | 260,633  | 8,418   |
| Soviet Russia in Asia           |  |         |                                  |         |                   |         |  |           |                         |           | 2,708,828                          | 758,927    |  |         |
| Syria                           |  |         |                                  |         | 11,075            | 2,533   |  |           | 1,940                   | 254       |                                    |            |  |         |
| Turkey in Asia and Europe       |  |         |                                  |         |                   |         |  |           | 27,755                  | 2,086     | 84,193                             | 7,575      |  |         |
| Australia                       |  |         |                                  |         | 7,004             | 973     |  |           | 730                     | 559       |                                    |            |  |         |
| New Zealand                     |  |         |                                  |         | 540,898           | 82,308  |  |           | 72                      | 19        | 1,917                              | 673        |  |         |
| Union of South Africa           |  |         |                                  |         |                   |         |  |           |                         |           | 1,071                              | 317        |  |         |
| Egypt                           |  |         |                                  |         |                   |         |  |           | 734                     | 112       |                                    |            |  |         |
| Algeria and Tunisia             |  |         |                                  |         |                   |         |  |           |                         |           | 4,409                              | 338        |  |         |

| COUNTRY                   | Fish, fresh or frozen |         |                                      |           |  |         |                    |         |                     |         |                                   |         |                             |         |
|---------------------------|-----------------------|---------|--------------------------------------|-----------|--|---------|--------------------|---------|---------------------|---------|-----------------------------------|---------|-----------------------------|---------|
|                           | 50. Salmon (dut.)     |         | 51. Fresh-water fish and eels (dut.) |           | 52. Cod, haddock, hake, pollock, and cusk (dut.) |         | 53. Halibut (dut.) |         | 54. Mackerel (dut.) |         | 55. Swordfish and sturgeon (dut.) |         | 56. Other fresh fish (dut.) |         |
|                           | Pounds                | Dollars | Pounds                               | Dollars   | Pounds   | Dollars | Pounds             | Dollars | Pounds              | Dollars | Pounds                            | Dollars | Pounds                      | Dollars |
| <b>TOTAL</b>              | 4,128,394             | 257,439 | 40,862,140                           | 2,860,375 | 898,186  | 26,769  | 4,088,373          | 320,301 | 507,816             | 22,719  | 4,377,222                         | 451,319 | 2,149,563                   | 102,728 |
| Germany                   |                       |         |                                      |           |  |         |                    |         |                     |         |                                   |         | 249                         | 96      |
| Portugal                  |                       |         |                                      |           |  |         |                    |         |                     |         |                                   |         | 1,190                       | 172     |
| Soviet Russia in Europe   | 138,501               | 22,189  |                                      |           |  |         |                    |         |                     |         | 1,678,287                         | 203,767 | 39,691                      | 1,563   |
| Spain                     |                       |         |                                      |           |  |         |                    |         |                     |         |                                   |         | 1,702                       | 463     |
| United Kingdom            | 6,700                 | 1,848   |                                      |           |  |         |                    |         |                     |         |                                   |         | 38,215                      | 11,947  |
| Canada                    | 4,973,570             | 262,084 | 40,808,095                           | 2,858,484 | 898,186  | 26,769  | 2,928,719          | 307,131 | 504,396             | 22,525  | 1,821,521                         | 191,181 | 142,638                     | 6,893   |
| Mexico                    |                       |         | 49,995                               | 1,489     |  |         |                    |         |                     |         |                                   |         | 1,822,163                   | 73,583  |
| Newfoundland and Labrador | 313                   | 29      |                                      |           |  |         | 11,063             | 1,098   |                     |         |                                   |         | 2,000                       | 60      |
| Other British West Indies |                       |         |                                      |           |  |         |                    |         |                     |         |                                   |         | 3,120                       | 372     |
| Cuba                      |                       |         |                                      |           |  |         |                    |         |                     |         |                                   |         | 685                         | 108     |
| China                     |                       |         |                                      |           |  |         |                    |         |                     |         |                                   |         | 4,300                       | 318     |
| Hong Kong                 |                       |         | 900                                  | 171       |  |         |                    |         |                     |         |                                   |         | 53,590                      | 7,178   |
| Japan                     | 4,310                 | 369     | 2,150                                | 231       |  |         | 146,600            | 12,012  | 2,520               | 194     | 579,416                           | 55,371  |                             |         |



## SUMMARY TABLES OF FOREIGN COMMERCE

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## No. XIV.—VALUES OF EXPORTS OF DOMESTIC MERCHANDISE, BY ARTICLES, GROUPED ACCORDING TO DEGREE OF MANUFACTURE AND USES (ECONOMIC CLASSES), CALENDAR YEARS 1932 AND 1933—Continued

[Abbreviation n.e.s.—not elsewhere specified. Values in thousands of dollars; that is, 000 omitted]

| CLASSIFICATION OF ARTICLES   | 1932   | 1933   | CLASSIFICATION OF ARTICLES  | 1932    | 1933    | CLASSIFICATION OF ARTICLES  | 1932   | 1933   |
|--|--------|--------|---|---------|---------|---|--------|--------|
| <b>Class E.—FINISHED MANUFACTURES—Continued</b>                    |        |        | <b>Class E.—FINISHED MANUFACTURES—Continued</b>   |         |         | <b>Class E.—FINISHED MANUFACTURES—Continued</b>   |        |        |
| Brooms.....  | 30     | 28     | Iron and steel manufactures—Continued   |         |         | Fuses and blasting caps.....  | 378    | 405    |
| Cotton manufactures:   |        |        | Hollow ware.....  | 909     | 865     | Soap.....   | 2,847  | 2,122  |
| Cloth.....   | 27,387 | 23,511 | Enameled ware of iron or steel.....   | 343     | 364     | Dentifrices.....  | 1,308  | 1,109  |
| Wearing apparel.....   | 3,086  | 2,434  | Metal furniture and fixtures.....   | 1,354   | 1,161   | Talcum and other toilet powders.....  | 647    | 618    |
| Other manufactures of cotton.....                                  | 5,806  | 5,700  | Stoves and furnaces, except electric and parts.....   | 1,011   | 670     | Creams, rouges, and other cosmetics.....  | 792    | 768    |
| Jute manufactures.....   | 1,364  | 1,081  | House-heating boilers and radiators.....  | 247     | 181     | Perfumery and toilet waters.....  | 99     | 120    |
| Flax, hemp, and ramie manufactures.....                            | 102    | 105    | Oil burners and parts.....  | 1,090   | 1,140   | Other toilet preparations.....  | 729    | 699    |
| Cordage, except of cotton or jute.....                             | 855    | 513    | Tools.....  | 3,968   | 5,134   | Photographic and projection goods.....  | 12,526 | 12,536 |
| Other manufactures of vegetable fiber, straw, or grass, n.e.s..... | 111    | 74     | Hardware.....   | 1,939   | 1,900   | Optical goods.....  | 1,086  | 829    |
| Wool manufactures.....   | 833    | 1,081  | Needles, hand and machine.....  | 429     | 310     | Dental instruments.....   | 879    | 1,090  |
| Hair manufactures.....   | 97     | 122    | Chains.....   | 600     | 697     | Teeth.....  | 1,081  | 614    |
| Silk manufactures.....   | 3,867  | 4,000  | Scales and balances.....  | 386     | 471     | Dental office equipment.....  | 135    | 119    |
| Rayon manufactures.....  | 2,062  | 1,920  | Wood screws.....  | 158     | 73      | Sterilizers.....  | 137    | 84     |
| Linoleum.....  | 52     | 55     | Metal drums and containers for oil, gas, and other liquids.....                             | 2,551   | 2,399   | Surgical and medical instruments.....   | 191    | 137    |
| Felt-base floor coverings.....                                     | 191    | 219    | Other manufactures.....   | 2,674   | 2,654   | Surgical appliances, artificial limbs, trusses, etc.....  | 410    | 281    |
| Oilcloth.....  | 684    | 623    | Aluminum manufactures:  |         |         | Surveying and engineers' instruments.....   | 41     | 71     |
| Window-shade and hook cloth.....                                   | 185    | 235    | Tubes, moldings, castings, and other shapes.....  | 337     | 160     | Other scientific, laboratory, and professional instruments and apparatus.....                     | 1,533  | 1,315  |
| Waterproof auto cloth.....   | 53     |        | Table, kitchen, or hospital utensils.....   | 202     | 197     | Musical instruments.....  | 1,383  | 975    |
| Pyroxylin and other oil-coated fabrics.....                        | 533    | 711    | Other aluminum manufactures.....  | 445     | 371     | Pencils.....  | 571    | 450    |
| Waterproof outer garments.....                                     | 123    | 94     | Copper manufactures:  |         |         | Pens and penholders.....  | 661    | 349    |
| Corsets, brassieres, and girdles.....                              | 665    | 566    | Pipes and tubes.....  | 213     | 134     | Writing ink.....  | 112    | 109    |
| Pajamas, night shirts, and gowns.....                              | 73     | 68     | Wire.....   | 197     | 247     | Printing and lithographic ink.....  | 694    | 708    |
| Hat braid of straw or other fiber.....                             | 53     | 22     | Insulated wire and cable.....   | 1,038   | 1,098   | Other ink.....  | 112    | 108    |
| Hats of straw, palm leaf, etc.....                                 | 181    | 116    | Other copper manufactures.....  | 237     | 278     | Paste and mucilage.....   | 71     | 72     |
| Hats and caps, except straw or other fiber.....                    | 614    | 512    | Brass and bronze manufactures:  |         |         | Carbon paper.....   | 390    | 349    |
| Hat trimmings, artificial flowers, etc.....                        | 87     | 53     | Pipes and tubes.....  | 228     | 152     | Typewriter ribbons.....   | 332    | 363    |
| Mattresses.....  | 52     | 50     | Pipe fittings and valves.....   | 486     | 479     | Other office supplies.....  | 585    | 560    |
| Absorbent cotton, gauze, and sterilized bandages.....              | 1,273  | 992    | Plumbers' brass goods.....  | 183     | 214     | Toys.....   | 775    | 555    |
| Elastic webbing.....   | 379    | 353    | Wire of brass or bronze.....  | 51      | 50      | Athletic and sporting goods.....  | 964    | 799    |
| Garters and arm bands.....   | 74     | 50     | Hardware of brass or bronze.....  | 197     | 188     | Firearms and ordnance.....  | 598    | 1,331  |
| Suspenders and braces.....   | 14     | 15     | Other brass and bronze manufactures.....  | 928     | 743     | Ammunition.....   | 1,100  | 1,321  |
| Other textile manufactures, n.e.s.....                             | 1,153  | 1,396  | Lead manufactures.....  | 151     | 234     | Books, maps, pictures, and other printed matter.....  | 12,440 | 11,380 |
| Wood manufactures, n.e.s.....                                      | 5,631  | 6,517  | Nickel manufactures.....  | 432     | 505     | Clocks.....   | 294    | 291    |
| Cork manufactures.....   | 410    | 445    | Tin manufactures.....   | 162     | 819     | Watches.....  | 164    | 128    |
| Paper manufactures.....  | 14,662 | 13,672 | Zinc manufactures, n.e.s.....   | 130     | 118     | Time-recording devices and parts.....   | 337    | 193    |
| Petroleum oils, refined:   |        |        | Plated ware, other than gold or silver, except cutlery.....                                 | 170     | 170     | Art works, paintings, and statuary.....   | 984    | 883    |
| Gasoline, naphtha, and other light products.....                   | 79,081 | 57,520 | Type.....   | 67      | 50      | Barber and beauty-parlor chairs.....  | 34     |        |
| Illuminating oil (kerosene).....                                   | 23,732 | 19,209 | Other manufactures of metals and metal composition, n.e.s.....                              | 687     | 690     | Bottle and container closures.....  | 589    | 572    |
| Lubricating oil.....   | 48,467 | 55,575 | Platinum manufactures, except jewelry.....  | 107     | 57      | Composition roofing.....  | 340    | 539    |
| Insulating or transformer oils.....                                | 411    | 327    | Jewelry.....  | 372     | 362     | Billiard tables and accessories.....  | 79     | 57     |
| Lubricating greases.....   | 2,788  | 2,954  | Tableware, including cutlery.....   | 109     | 148     | Buttons.....  | 181    | 175    |
| Stone manufactures.....  | 269    | 262    | Gold manufactures, n.e.s. (plated and solid).....   | 641     | 142     | Lamps and illuminating devices, except electric.....  | 516    | 698    |
| Glass and glass products.....                                      | 4,067  | 4,306  | Silver manufactures, n.e.s. (plated and sterling).....                                      | 95      | 54      | Matches.....  | 51     | 25     |
| China and porcelain ware.....                                      | 448    | 443    | Machinery and vehicles.....   | 221,745 | 236,739 | Fire-fighting equipment.....  | 302    | 303    |
| Water-closet sets.....   | 150    | 223    | Medicinal and pharmaceutical preparations.....  | 10,027  | 9,816   | Fly paper, traps, and swatters.....   | 21     | 22     |
| Earthen and stone ware.....  | 262    | 289    | Petroleum jelly.....  | 611     | 609     | Synthetic resin sheets, plates, and manufactures.....   | 120    | 214    |
| Bricks and tiles.....  | 1,148  | 1,408  | Tobacco extracts.....   | 310     | 195     | Pyroxylin products, known as celluloid, pyralin, viscoloid, fiberloid, etc., manufactures of..... | 199    | 149    |
| High-temperature cements.....                                      | 127    | 132    | Disinfectants, insecticides, fungicides, and similar preparations and materials, n.e.s..... | 1,572   | 1,906   | Brushes.....  | 512    | 473    |
| Other terra-cotta and ceramic manufactures.....                    | 64     | 73     | Cementing preparations for repairing, sealing, and adhesive use.....                        | 371     | 430     | Plates and cuts, electrotypes, stereotypes, half-tones, lithographic, or engraved.....            | 236    | 282    |
| Abrasives, n.e.s.....  | 2,298  | 2,595  | Water softeners, purifiers, boiler and feed-water compounds.....                            | 217     | 255     | Umbrellas and parasols.....   | 23     | 18     |
| Asbestos manufactures.....   | 1,458  | 1,501  | Blackings and polishes.....   | 1,015   | 1,034   | Candles.....  | 79     | 50     |
| Asphalt and bitumen, manufactures, except roofing.....             | 318    | 233    | Other chemical specialty compounds.....   | 3,670   | 3,786   | Notions and cheap novelties.....  | 747    | 679    |
| Carbon and graphite.....   | 1,852  | 2,081  | Hydrogen peroxide (or dioxide).....   | 85      | 91      | Refrigerators, except electric.....   | 63     | 98     |
| Chalk manufactures.....  | 74     | 79     | Paints, stains, and enamels.....  | 3,755   | 4,123   | Soda-fountain equipment.....  | 119    | 94     |
| Plaster, calcined, and manufactures of.....                        | 72     | 72     | Varnishes.....  | 359     | 391     | Shoe findings.....  | 606    | 440    |
| Mica and manufactures.....   | 133    | 118    | Paint and varnish removers.....   | 15      |         | Trunks.....   | 57     | 49     |
| Sulphur, refined, sublimed, and flowers of.....                    | 396    | 317    | Other potash fertilizers.....   | 16      |         | Coin-operated scales.....   | 11     |        |
| Magnesia and manufactures.....                                     | 91     | 92     | Concentrated chemical fertilizers.....  | 489     | 523     | Coin-operated commodity-vending machines.....   | 122    | 230    |
| Salt.....  | 478    | 627    | Prepared fertilizer mixtures.....   | 85      | 80      | Other coin-operated machines (except musical).....  | 441    | 480    |
| Iron and steel manufactures:                                       |        |        | Explosives.....   | 905     | 1,083   | Household and personal effects.....   | 10,988 | 7,725  |
| Structural iron and steel.....                                     | 2,069  | 2,182  |   |         |         | All other articles, n.e.s.....  | 2,417  | 1,995  |
| Railway track materials.....                                       | 727    | 2,165  |   |         |         |   |        |        |
| Tubular products and fittings.....                                 | 6,025  | 8,006  |   |         |         |   |        |        |
| Wire and manufactures.....   | 2,656  | 4,188  |   |         |         |   |        |        |
| Nails and bolts (except railroad).....                             | 1,451  | 1,794  |   |         |         |   |        |        |
| Castings and forgings.....   | 1,409  | 1,317  |   |         |         |   |        |        |
| Cutlery.....   | 2,130  | 1,979  |   |         |         |   |        |        |



## SUMMARY TABLES OF FOREIGN COMMERCE

## No. XV.—VALUES OF GENERAL IMPORTS OF MERCHANDISE, BY ARTICLES, GROUPED ACCORDING TO DEGREE OF MANUFACTURE AND USES (ECONOMIC CLASSES), CALENDAR YEARS 1932 AND 1933

[Abbreviation n.e.s.—not elsewhere specified. Values in thousands of dollars; that is, 000 omitted]

| CLASSIFICATION OF ARTICLES                      | 1932             | 1933             | CLASSIFICATION OF ARTICLES   | 1932           | 1933           | CLASSIFICATION OF ARTICLES                   | 1932   | 1933    |
|---|------------------|------------------|--|----------------|----------------|--|--------|---------|
| <b>TOTAL VALUE OF IMPORTED MERCHANDISE</b>      | <b>1,399,774</b> | <b>1,449,559</b> | <b>Class A. CRUDE MATERIALS—Continued.</b>                                       |                |                | <b>Class D.—SEMIMANUFACTURES—Continued.</b>  |        |         |
| <b>Class A. CRUDE MATERIALS</b>                 | <b>358,395</b>   | <b>418,151</b>   | <b>Dutiable—Continued.</b>   |                |                | <b>Free of duty—Continued.</b>               |        |         |
| Free of duty                                    | 296,731          | 298,950          | Wood, unmanufactured   | 250            | 531            | Shellac                                      | 1,511  | 972     |
| Hides and skins                                 | 16,598           | 28,443           | Coal   | 2,186          | 3,344          | Vegetable oils, expressed, inedible, n.e.s.  | 20,347 | 25,004  |
| Furs, undressed                                 | 25,137           | 33,332           | Crude petroleum  | 8,653          | 17,718         | Gambier                                      | 146    | 197     |
| Live animals, n.e.s.                            | 1,047            | 803              | Clays and earths   | 1,058          | 1,350          | Mangrove extract                             | 125    | 214     |
| Bones, hoofs, and horns                         | 713              | 791              | Mica, crude  | 79             | 177            | Cotton waste                                 | 177    | 814     |
| Glue stock, hide cuttings, etc.                 | 572              | 592              | Magnesite  | 31             |                | Silk waste                                   | 444    | 1,068   |
| Ivory, tusks, in natural state                  | 33               | 23               | Graphite   | 151            | 211            | Wood, unmanufactured                         | 1,407  | 1,815   |
| Shells, unmanufactured                          | 940              | 1,187            | Manganese ore  | 1,108          | 947            | Sawmill products, except laths and shingles  | 2,416  | 641     |
| Tankage   | 311              | 542              | Tungsten ore and concentrates  | 16             | 162            | Cork waste                                   | 1,172  | 1,157   |
| Other inedible animal products                  | 983              | 1,150            | Bauxite  | 1,043          | 900            | Paper base stock (pulp)                      | 46,921 | 57,399  |
| Rubber and similar gums                         | 33,330           | 49,189           | Copper ore and concentrates  | 570            | 2,104          | Coke, charcoal, briquets, etc.               | 483    | 12      |
| Varnish gums, except shellac                    | 1,818            | 2,290            | Lead ore and bullion   | 1,522          | 396            | Petroleum products, n.e.s.                   | 7,832  |         |
| Chicle, crude                                   | 2,023            | 1,081            | Zinc ore   | 72             | 78             | Paraffin and paraffin wax                    | 659    |         |
| Tragacanth and other gums and resins, n.e.s.    | 878              | 977              | <b>Class B. CRUDE FOODSTUFFS.</b>  | <b>339,964</b> | <b>311,813</b> | Abrasive, crude, artificial                  | 510    | 1,639   |
| Crude drugs, herbs, leaves, roots, etc., n.e.s. | 4,525            | 4,495            | Free of duty   | 207,438        | 190,199        | Asbestos                                     | 2,063  | 3,130   |
| Oilseeds, n.e.s.                                | 9,227            | 10,647           | Fish   | 3,777          | 3,478          | Copper and brass                             | 17,179 |         |
| Vegetable tallow and wax                        | 950              | 1,169            | Wheat  | 3,916          | 4,209          | Nickel oxide                                 | 120    | 421     |
| Crude dyeing and tanning materials              | 1,017            | 1,085            | Vegetables, n.e.s.   | 54             | 35             | Tin bars, blocks, etc.                       | 16,474 | 51,188  |
| Seeds, except oilseeds                          | 1,300            | 15               | Fruits, n.e.s.   | 25,104         | 20,548         | Cobalt metal                                 | 148    | 406     |
| Plants  |                  | 21               | Chestnuts  | 551            | 492            | Platinum and platinum metals                 | 690    | 2,120   |
| Tobacco, unmanufactured                         | 507              | 223              | Peanuts  | 1              |                | Coal-tar products, crude                     | 3,234  | 2,103   |
| Vegetable ivory (tugu nuts)                     | 148              | 202              | Cocoa or cacao beans   | 19,676         | 18,735         | Acids, n.e.s.                                | 372    | 543     |
| Moss, seaweeds, etc., crude                     | 96               | 93               | Coffee   | 130,812        | 124,137        | Copper sulphate                              | 89     |         |
| Other inedible vegetable products               | 91               | 118              | Tea  | 12,455         | 13,708         | Iodine, crude                                | 2,226  | 2,936   |
| Cotton, unmanufactured                          | 1,935            | 2,071            | Spices, n.e.s.   | 5,090          | 4,857          | Potassium compounds                          | 1,015  | 753     |
| Jute and jute butts                             | 1,867            | 2,586            |  |                |                | Sodium, cyanide and other                    | 1,730  | 2,066   |
| Jute waste (bagging and sugar-sack cloth)       | 735              | 1,090            | Dutiable   | 95,596         | 91,614         | Radium salts                                 | 479    | 576     |
| Other vegetable fibers, unmanufactured          | 12,052           | 11,343           | Edible animals   | 1,483          | 668            | Other chemicals, n.e.s.                      | 980    | 872     |
| Carpet wool, n.e.s.                             | 621              | 2,009            | Cream and milk   | 205            | 40             | Fertilizers, n.e.s.                          | 13,464 | 17,306  |
| Horsehair and other animal hair                 | 708              | 1,253            | Fish   | 3,583          | 4,172          | Perfume materials                            | 314    | 379     |
| Silk, unmanufactured                            | 113,882          | 102,536          | Eggs, in the shell   | 35             | 34             |  |        |         |
| Logs and timber                                 | 919              | 1,199            | Grains   | 1,664          | 1,734          | Dutiable                                     | 69,004 | 114,016 |
| Cabinet wood, in the log                        | 701              | 528              | Hay  | 98             | 53             | Leather                                      | 5,847  | 9,786   |
| Rattan, unmanufactured                          | 201              | 282              | Beans and peas, green  | 1,089          | 632            | Fur skins, dressed                           | 2,636  | 3,980   |
| Cork wood or bark                               | 684              | 1,698            | Beans and peas, dried  | 504            | 893            | Whale and fish oils                          | 173    | 206     |
| Pulpwoods                                       | 5,582            | 5,302            | Chickens   | 492            | 439            | Stearic acid                                 | 306    | 323     |
| Paper stock, rags, and waste                    | 1,897            | 2,598            | Vegetables, n.e.s.   | 6,264          | 4,184          | Bristles, sorted or bunched                  | 2,313  | 4,027   |
| Coal  | 2,234            | 89               | Fruits   | 3,506          | 2,645          | Gelatin, inedible and manufactures           | 353    | 258     |
| Petroleum, crude                                | 21,771           |                  | Nuts, n.e.s.   | 4,170          | 3,945          | Glue and glue size                           | 486    | 652     |
| Stone, n.e.s.                                   | 82               | 83               | Spices, n.e.s.   | 1,825          | 1,822          | Casein or lactarene                          | 38     | 445     |
| Gypsum, crude                                   | 347              | 374              | Sugarcane, natural   | 610            | 353            | Tar, pitch, and turpentine                   | 103    | 163     |
| Chalk   | 61               | 95               |  |                |                | Gums and resins, n.e.s.                      | 520    | 438     |
| Asphalt and bitumen                             | 251              | 278              | <b>Class C.—MANUFACTURED FOODSTUFFS.</b>   | <b>173,927</b> | <b>205,370</b> | Vegetable oils, expressed, inedible, n.e.s.  | 279    | 669     |
| Corundum, emery and flint                       | 41               | 85               | Free of duty   | 66,840         | 75,499         | Extracts for dyeing and tanning              | 1,977  | 2,865   |
| Asbestos, unmanufactured                        | 187              | 414              | Sausage casings  | 4,122          | 5,606          | Cotton-yarns                                 | 756    | 1,186   |
| Cryolite or kryolith                            | 291              | 298              | Lobsters, canned   | 568            | 485            | Yarns of flax, hemp, and ramie               | 288    | 553     |
| Pyrites   | 691              | 1,132            | Grains, preparations of  | 283            | 250            | Wool, semimanufactures                       | 1,160  | 2,840   |
| Mineral wax                                     | 274              | 455              | Oil cake and oil-cake meal   | 61             | 128            | Spun silk                                    | 37     | 94      |
| Other nonmetallic minerals                      | 236              | 212              | Farinaceous substances   | 2,032          | 3,104          | Rayon waste, yarns, and thread               | 1,060  | 2,473   |
| Precious stones                                 | 2,628            | 2,188            | Pineapples, prepared   | 299            | 138            | Hat materials                                | 1,407  | 1,388   |
| Iron ore  | 1,539            | 2,054            | Cocoanut meat, prepared  | 1,595          | 1,655          | Boards, planks, etc., n.e.s.; and clapboards | 4,483  | 7,804   |
| Ores of ferro-alloying metals                   | 2,020            | 2,084            | Sugar  | 57,340         | 66,803         | Veneers and plywoods                         | 57     | 90      |
| Copper ore, concentrates and regulus            | 2,791            | 878              | Molasses   | 250            | 82             | Chair cane and osier                         | 72     | 113     |
| Nickel ore and matte                            | 775              | 2,475            | Articles in Class C, ordinarily dutiable, imported under special provision, free | 88             | 242            | Coke and briquets                            | 234    | 610     |
| Ores of tin and zinc                            | 4                | 11               |  |                |                | Petroleum products                           | 2,991  | 7,953   |
| Antimony ore                                    | 74               | 107              | Dutiable   | 107,287        | 196,878        | Marble and other building stone              | 709    | 538     |
| Ores, metals, and alloys, n.e.s.                | 101              | 239              | Meats  | 3,514          | 3,838          | Lime and cement                              | 474    | 512     |
| Gold and silver sweepings                       | 440              | (1)              | Animal oils and fats, edible   | 33             | 4              | Gypsum                                       | 47     | 47      |
| Platinum  | 727              | 1,820            | Milk, condensed, dried, etc.   | 180            | 150            | Mica, split                                  | 165    | 202     |
| Sodium sulphate                                 | 644              | 885              | Butter and cheese  | 12,707         | 10,776         | Talc, steatite, etc.                         | 357    | 384     |
| Fertilizers, n.e.s.                             | 4,381            | 5,985            | Fish   | 13,469         | 14,005         | Magnesite, dead burned, and grain            | 104    | 267     |
| Dutiable  | 71,594           | 119,901          | Eggs, preserved, and egg albumen   | 778            | 503            | Precious stones                              | 10,289 | 10,764  |
| Hides and skins                                 | 5,896            | 17,236           | Meat extract   | 177            | 192            | Iron and steel semimanufactures              | 4,026  | 2,927   |
| Wool-grease                                     | 113              | 138              | Gelatin, edible  | 324            | 412            | Ferro-alloying metals                        | 1,390  | 3,686   |
| Tallow  | 11               | 8                | Grains, preparations of  | 1,795          | 7,368          | Aluminum                                     | 1,290  | 3,156   |
| Grease and oils, inedible, n.e.s.               | 49               | 54               | Fodders and feeds  | 2,113          | 4,006          | Copper                                       | 2,178  | 14,490  |
| Live animals, n.e.s.                            | 718              | 666              | Vegetables, preparations of  | 6,220          | 6,161          | Lead, pigs, etc., and type metal             | 146    | 45      |
| Feathers, crude                                 | 551              | 630              | Fruits   | 5,427          | 5,528          | Nickel                                       | 3,733  | 7,846   |
| Balsams, crude                                  | 68               | 91               | Nuts, shelled  | 3,601          | 2,436          | Zinc blocks, pigs, etc.                      | 20     | 136     |
| Gum arabic or senegal                           | 227              | 264              | Vegetable oils and fats, edible  | 7,087          | 7,806          | Antimony                                     | 122    | 174     |
| Crude drugs, herbs, leaves, roots, etc., n.e.s. | 390              | 430              | Cocoa and chocolate  | 417            | 373            | Quicksilver or mercury                       | 231    | 778     |
| Oilseeds, n.e.s.                                | 7,245            | 16,021           | Spices, n.e.s.   | 912            | 1,304          | Other metals, alloys, etc.                   | 15     | 71      |
| Seeds, except oilseeds                          | 1,914            | 2,116            | Sugar  | 39,379         | 40,838         | Coal-tar products, n.e.s.                    | 5,474  | 7,621   |
| Nursery and greenhouse stock                    | 2,432            | 2,021            | Molasses   | 6,171          | 5,184          | Acids, n.e.s.                                | 1,343  | 2,574   |
| Tobacco, unmanufactured                         | 22,519           | 21,284           | Candy and confectionery  | 660            | 637            | Alcohols, including fusel oil                | 11     | 11      |
| Agar-agar                                       | 184              | 161              | Maple sugar and maple sirup  | 605            | 406            | Ammonium compounds, n.e.s.                   | 209    | 356     |
| Hops, hop extract, and lupulin                  | 205              | 3,028            | Dextrose, lactose, levulose, and honey   | 10             | 8              | Barium compounds                             | 39     | 61      |
| Peat moss                                       | 991              | 443              | Beverages  | 1,104          | 14,944         | Calcium compounds                            | 11     | 16      |
| Other vegetable products, n.e.s.                | 110              | 92               |  |                |                | Cellulose products, n.e.s.                   | 167    | 137     |
| Cotton, unmanufactured                          | 4,753            | 5,833            | <b>Class D.—SEMIMANUFACTURES</b>   | <b>147,963</b> | <b>177,969</b> | Cobalt oxide                                 | 220    | 414     |
| Flax and hemp, unmanufactured                   | 834              | 1,426            | Free of duty   | 147,963        | 177,969        | Copper sulphate                              | 2      | 2       |
| Tim vegetable                                   | 124              | 162              | Cod and cod-liver oil  | 1,724          | 2,161          | Glycerin, n.e.s.                             | 195    | 233     |
| Wool, unmanufactured, n.e.s.                    | 5,408            | 19,358           | Beeswax and other animal wax   | 468            | 566            | Lime, chlorinated                            | 62     | 61      |
| Human hair                                      | 306              | 296              | Rubber, reclaimed and scrap  | 55             | 64             | Magnesium compounds                          | 146    | 161     |
| Brier, ivy, or laurel root                      | 201              | 245              |  |                |                | Potassium compounds, n.e.s.                  | 1,275  | 1,852   |

1 Included with gold and silver ore and base bullion, Table 1, page 1.



## EXHIBIT "10"

**LEGISLATIVE AUTHORITY  
FOR STATISTICAL IMPORT SCHEDULE A**

The tariff act approved June 17, 1930, provides in title IV, section 484 (e), "the Secretary of the Treasury, the Secretary of Commerce, and the Chairman of the United States Tariff Commission are authorized and directed to establish from time to time for statistical purposes an enumeration of articles in such detail as in their judgment may be necessary, comprehending all merchandise imported into the United States, and as a part of the entry there shall be attached thereto or included therein an accurate statement specifying, in terms of such detailed enumeration, the kinds and quantities of all merchandise imported and the value of the total quantity of each kind of article."



## CLASSIFICATION OF IMPORTS

VII

## IMPORT COMMODITY GROUP AND SUBGROUP CODE DESIGNATIONS

| Description  | Schedule A<br>Commodity<br>Code No. | Sub-<br>group<br>Code No. | Description  | Schedule A<br>Commodity<br>Code No. | Sub-<br>group<br>Code No. |
|--|-------------------------------------|---------------------------|--|-------------------------------------|---------------------------|
| <b>Group 00.—Animals and Animal Products, Edible.</b>                |                                     |                           | <b>Group 3.—Textile Fibers and Manufactures—Continued</b>                          |                                     |                           |
| Animals, edible, except for breeding                                 | 0010600-0015500                     | 1                         | Silk and manufactures  | 3702000-3799900                     | 44                        |
| Meat products  | 0018000-0035500                     | 2                         | Synthetic fibers and manufactures  | 3800000-3880490                     | 45                        |
| Animal oils and fats, edible   | 0036000-0036900                     | 3                         | Miscellaneous textile products   | 3900100-3981100                     | 46                        |
| Dairy products   | 0037000-0046990                     | 4                         | <b>Group 4.—Wood and Paper</b>   |                                     |                           |
| Fish and fish products, except shellfish                             | 0047000-0079590                     | 5                         | Wood, unmanufactured   | 4007100-4080500                     | 47                        |
| Shellfish and products   | 0080100-0087900                     | 6                         | Sawmill-products (lumber)  | 4103100-4207555                     | 48                        |
| Other edible animal products   | 0088100-0097900                     | 7                         | Wood manufactures  | 4208000-4280990                     | 49                        |
| <b>Group 0.—Animals and Animal Products, Inedible</b>                |                                     |                           | Cork and manufactures  | 4300000-4321900                     | 50                        |
| Hides and skins, raw, except furs                                    | 0201000-0299900                     | 8                         | Paper base stocks  | 4590000-4692900                     | 51                        |
| Leather  | 0300100-0345900                     | 9                         | Paper and manufactures   | 4711000-4799990                     | 52                        |
| Leather, rawhide, and parchment manufactures                         | 0350000-0699990                     | 10                        | <b>Group 5.—Nonmetallic Minerals</b>   |                                     |                           |
| Furs and manufactures  | 0700000-0759900                     | 11                        | Coal and related fuels   | 5000000-5014300                     | 53                        |
| Animal and fish oils, and greases, inedible                          | 0803000-0821600                     | 12                        | Petroleum and products   | 5052000-5079100                     | 54                        |
| Other inedible animals and animal products                           | 0840000-0990290                     | 13                        | Stone, lime, cement, gypsum and gypsum products                                    | 5080110-5193900                     | 55                        |
| <b>Group 1.—Vegetable Food Products and Beverages</b>                |                                     |                           | Glass and products   | 5200400-5290850                     | 56                        |
| Grains and preparations  | 1020000-1090260                     | 14                        | Clay and products  | 5300000-5390700                     | 57                        |
| Fodders and feeds, n. e. s.  | 1101000-1190800                     | 15                        | Other nonmetallic minerals and manufactures, except precious stones and imitations | 5391000-5930980                     | 58                        |
| Vegetables and preparations  | 1191100-1250990                     | 16                        | Precious and semiprecious stones, imitations, and industrial diamonds              | 5950000-5958100                     | 59                        |
| Fruits and preparations  | 1290000-1330990                     | 17                        | <b>Group 6.—Metal and Manufactures Except Machinery and Vehicles</b>               |                                     |                           |
| Nuts and preparations  | 1350000-1380140                     | 18                        | Iron ore and concentrates  | 6001000-6001100                     | 60                        |
| Vegetable oils and fats, edible                                      | 1420000-1428900                     | 19                        | Steel mill products  | 6002000-6116104                     | 61                        |
| Cocoa, coffee, and tea   | 1501300-1521000                     | 20                        | Iron and steel manufactures  | 6117000-6200994                     | 62                        |
| Spices   | 1523100-1550590                     | 21                        | Ferro-alloys, ores and metals, n. e. s.  | 6211000-6270900                     | 63                        |
| Sugar and related products   | 1570000-1654800                     | 22                        | Aluminum and manufactures  | 6301000-6305900                     | 64                        |
| Beverages  | 1711300-1900000                     | 23                        | Copper and manufactures  | 6400400-6430300                     | 65                        |
| <b>Group 2.—Vegetable Products, Inedible, Except Fibers and Wood</b> |                                     |                           | Brass and bronze manufactures  | 6453000-6459900                     | 66                        |
| Rubber and allied gums and manufactures                              | 2011000-2098900                     | 24                        | Lead and manufactures  | 6502300-6509900                     | 67                        |
| Naval stores, gums, and resins                                       | 2102000-2189400                     | 25                        | Nickel and manufactures  | 6540000-6544900                     | 68                        |
| Drugs, herbs, leaves, roots, etc.                                    | 2201000-2220490                     | 26                        | Tin  | 6550000-6551900                     | 69                        |
| Oil seeds  | 2231000-2240700                     | 27                        | Zinc and manufactures  | 6557000-6559900                     | 70                        |
| Vegetable oils and waxes, inedible                                   | 2241000-2290580                     | 28                        | Other nonferrous ores, metals, and alloys, except precious                         | 6650000-6790990                     | 71                        |
| Dyeing and tanning materials   | 2302000-2345950                     | 29                        | Precious metals, jewelry, and plated ware  | 6820000-6900550                     | 72                        |
| Seeds, except oil seeds  | 2401000-2460990                     | 30                        | <b>Group 7.—Machinery and Vehicles</b>   |                                     |                           |
| Nursery and greenhouse stock   | 2501000-2599100                     | 31                        | Electrical machinery and apparatus   | 7063000-7100900                     | 73                        |
| Tobacco and manufactures   | 2601000-2629900                     | 32                        | Engines, turbines, and parts, n. e. s.   | 7110000-7110700                     | 74                        |
| Miscellaneous vegetable products                                     | 2800000-2960150                     | 33                        | Other machinery, except agricultural   | 7400200-7800990                     | 75                        |
| <b>Group 3.—Textile Fibers and Manufactures</b>                      |                                     |                           | Agricultural machinery and implements  | 7850000-7890190                     | 76                        |
| Cotton, unmanufactured   | 3001000-3005000                     | 34                        | Vehicles and parts   | 7900100-7940290                     | 77                        |
| Cotton semimanufactures  | 3006100-3020999                     | 35                        | <b>Group 8.—Chemicals and Related Products</b>                                     |                                     |                           |
| Cotton manufactures  | 3030000-3230800                     | 36                        | Coal-tar products  | 8000000-8090900                     | 78                        |
| Jute and manufactures  | 3241000-3250900                     | 37                        | Medicinal and pharmaceutical preparations  | 8102000-8150600                     | 79                        |
| Flax, hemp, and ramie, and manufactures                              | 3261000-3390490                     | 38                        | Industrial chemicals   | 8170000-8380992                     | 80                        |
| Other vegetable fibers and manufactures                              | 3401000-3421990                     | 39                        | Pigments, paints, and varnishes  | 8400100-8441300                     | 81                        |
| Wool, unmanufactured   | 3501000-3541000                     | 40                        | Fertilizers and fertilizer materials   | 8500000-8559900                     | 82                        |
| Wool semimanufactures  | 3550000-3574600                     | 41                        |  |                                     |                           |
| Wool manufactures  | 3607000-3680800                     | 42                        |  |                                     |                           |
| Hair and manufactures, n. e. s.                                      | 3690000-3698900                     | 43                        |  |                                     |                           |



## CLASSIFICATION OF IMPORTS

## IMPORT COMMODITY GROUP AND SUBGROUP CODE DESIGNATIONS—Continued

| Description  | Schedule A<br>Commodity<br>Code No. | Sub-<br>group<br>Code No. | Description  | Schedule A<br>Commodity<br>Code No. | Sub-<br>group<br>Code No. |
|--|-------------------------------------|---------------------------|--|-------------------------------------|---------------------------|
| <b>Group 8.—Chemicals and Related<br/>Products—Continued</b>                           |                                     |                           | <b>Group 9.—Miscellaneous—<br/>Continued</b>                     |                                     |                           |
| Explosives, fireworks, and ammu-<br>nition.....  | 8620000-8625000                     | 83                        | Musical instruments, parts, and<br>accessories.....              | 9200000-9207000                     | 87                        |
| Soap and toilet preparations.....  | 8711000-8731200                     | 84                        | Toys, athletic and sporting goods.....                           | 9400000-9439999                     | 88                        |
| <b>Group 9.—Miscellaneous</b>  |                                     |                           | Firearms and parts.....  | 9470000-9477000                     | 89                        |
| Photographic goods.....  | 9001000-9040400                     | 85                        | Books, maps, pictures, and other<br>printed matter, n. e. s..... | 9500000-9530790                     | 90                        |
| Scientific and professional instru-<br>ments, apparatus, and supplies,<br>n. e. s..... | 9140200-9180290                     | 86                        | Clocks, watches, clockwork mech-<br>anisms, and parts.....       | 9540100-9590031                     | 91                        |
|  |                                     |                           | Art works and antiques.....                                      | 9610000-9670300                     | 92                        |
|  |                                     |                           | Miscellaneous articles, n. e. s.....                             | 9700000-9990750                     | 93                        |



## CODE CLASSIFICATION OF ECONOMIC CLASSES

| Crude materials:<br>0. Agricultural<br>1. Nonagricultural | Crude foodstuffs:<br>2. Agricultural<br>3. Nonagricultural | Manufactured foodstuffs<br>and beverages:<br>4. Agricultural<br>5. Nonagricultural | Semimanufactures:<br>6. Agricultural<br>7. Nonagricultural | Finished Manufactures:<br>8. Agricultural<br>9. Nonagricultural |
|---|--|--|--|---|
|---|--|--|--|---|

## Schedule A.—COMMODITY NUMBERS IN EACH ECONOMIC CLASS

| (0)<br>Agricultural<br>Crude Materials    | (1)<br>Nonagricultural<br>Crude Materials—Con.                     | (4)<br>Agricultural<br>Manufactured<br>Foodstuffs and<br>Beverages—Continued | (7)<br>Nonagricultural<br>Semimanufactures—<br>Continued | (8)<br>Agricultural<br>Finished<br>Manufactures—Con. |
|---|--|--|--|--|
| 0201000-0293200                           | 5500010-5500500  | 0090000-0097900  | 3244000-3244300  | 2934000  |
| 0299500-0299900                           | 5550000-5560990  | 1053000-1059200  | 3270100-3270900  | 2946000-2946100                                      |
| 0813200-0815600                           | 5711000  | 1072000-1090260  | 3550000-3574600  |  |
| 0821100-0860100                           | 5730100-5950000  | 1111000-1190800  | 3704000-3706500  | (9)<br>Nonagricultural<br>Finished<br>Manufactures   |
| 0863100-0863500                           | 5752100-5952700  | 1227000-1250370  | 3800000-3815000  | 0350000-0699998                                      |
| 0890000-0890800                           | 5954000-5954590  | 1250540  | 3900100-3902900  | 0753000-0759900                                      |
| 0905000-0905400                           | 6001000-6001100  | 1250710-1250990  | 3906700-3906900  | 0915000  |
| 0911130-0911300                           | 6211000-6211300  | 1306000-1307700  | 4036000-4037500  | 0929000-0929900                                      |
| 0922100-0922300                           | 6213100-6213500  | 1309000-1309100  | 4065300-4065800  | 0933000  |
| 0930300-0930900                           | 6232000  | 1314100-1317100  | 4067000-4067100  | 0941700-0941900                                      |
| 0975000                                   | 6280000-6301000  | 1319100-1324200  | 4103100-4204900  | 0970000-0972100                                      |
| 0979000-0979500                           | 6400400-6400500  | 1327000-1330230  | 4209100-4209800  | 0990100-0990290                                      |
| 2011000-2017000                           | 6402300  | 1330320-1330340  | 4212000  | 2022000-2098900                                      |
| 2201000-2203000                           | 6404100-6405100  | 1330380-1330400  | 4222000-4223000  | 2621000-2629900                                      |
| 2206000-2220050                           | 6502300-6504000  | 1330530-1330990  | 4301000  | 2935000  |
| 2231000-2240700                           | 6540000  | 1379000-1428900  | 4600000-4650900  | 2950000-2960150                                      |
| 2250000-2252500                           | 6550000  | 1502100-1503500  | 5008000-5011000  | 3030000-3230800                                      |
| 2401000-2610000                           | 6557000-6557300  | 1523100  | 5057000-5068300  | 3245200-3250900                                      |
| 2810100-2810290                           | 6650000  | 1538000  | 5076000  | 3272400-3390490                                      |
| 2911000                                   | 6660000  | 1550030-1550590  | 5078100-5080500  | 3410010-3421990                                      |
| 2932000-2932800                           | 6740030-6740190  | 1580750-1640000  | 5078100-5080500  | 3607000-3680800                                      |
| 2936000-2945200                           | 6820000-6821500  | 1651000-1654800  | 5109300-5110300  | 3692000-3693900                                      |
| 3001000-3005000                           | 8335000  | 1731100-1732920  | 5171000-5182500  | 3698100-3698900                                      |
| 3241000-3242000                           | 8504000  | 1770000-1900000  | 5193000-5193900  | 3707000-3799900                                      |
| 3261000-3263300                           | 8509000-8509800  |  | 5467600-5467200  | 3830020-3880490                                      |
| 3401000-3409900                           | 8519000-8519700  |  | 5501000-5502100  | 3903300-3903900                                      |
| 3501000-3541009                           | 8523000-8524000  |  | 5561000-5561900  | 3910800-3981100                                      |
| 3694000-3696490                           | 8527500-8529300  |  | 5712000-5723000  | 4205500-4208700                                      |
| 3702000-3702100                           |  |  | 5951000  | 4210000-4211200                                      |
| 8505000                                   |  |  | 5953500-5953900  | 4221000-4221900                                      |
|   | (2)<br>Agricultural<br>Crude Foodstuffs                            | (5)<br>Nonagricultural<br>Manufactured<br>Foodstuffs and<br>Beverages        | 5955000-5958100  | 4225200-4280990                                      |
|   | 0010600-0015500  | 0060100-0081600  | 6002000-6060300  | 4302000-4321900                                      |
| (1)<br>Nonagricultural<br>Crude Materials | 0037000-0038200  | 0084000  | 6212100-6212800  | 4711000-4799990                                      |
| 0295000-0298500                           | 0088100-0088500  | 1650100-1650500  | 6214000-6226900  | 5054300-5054700                                      |
| 0700000-0729500                           | 1020000-1051100  | 1711300-1718500  | 6233100-6250990  | 5075000  |
| 0816000                                   | 1060000-1067000  | 1750000-1760000  | 6302100-6303000  | 5077000  |
| 0862000-0862600                           | 1101000  |  | 6401600-6401900  | 5090000-5090320                                      |
| 0880000                                   | 1191100-1210190  |  | 6403500  | 5130000  |
| 0895000-0895700                           | 1250440  | (6)<br>Agricultural<br>Semimanufactures                                      | 6408100-6418300  | 5200400-5290850                                      |
| 0906100-0906900                           | 1250600  | 0820100-0820500  | 6453000  | 5350100-5390700                                      |
| 0951000-0962800                           | 1290000-1305500  | 0917000  | 6505000-6507000  | 5393000  |
| 0976000                                   | 1308000-1308200  | 0932000-0932100  | 6541000-6542000  | 5420010-5420740                                      |
| 0980080-0980350                           | 1311000-1313500  | 0940100-0940500  | 6551300-6551900  | 5464200-5464500                                      |
| 2102000-2105000                           | 1318300-1318500  | 0943000  | 6558000-6558200  | 5466100-5466500                                      |
| 2109500-2109800                           | 1326100-1326200  | 0974000-0974104  | 6651000-6651100  | 5470010-5470530                                      |
| 2131000-2171900                           | 1330310  | 2220110-2220270  | 6661000-6662000  | 5520000-5540900                                      |
| 2302000-2307000                           | 1330330  | 2220310-2220498  | 6760000-6760340  | 5564000-5564500                                      |
| 2309000-2320390                           | 1330360  | 2241000-2249000  | 6822000-6826100  | 5724000-5724100                                      |
| 2800000                                   | 1330410-1330510  | 2253000-2260288  | 8000000-8050700  | 6081000-6200990                                      |
| 2921100-2924500                           | 1350000-1378100  | 3703000  | 8200000-8258000  | 6301000-6305900                                      |
| 2933000-2933500                           | 1501300-1501500  | 8329000  | 8261000-8290000  | 6430000-6430300                                      |
| 3243000                                   | 1511000-1521000  | 8380560-8380590  | 8300000-8325000  | 6457000-6459900                                      |
| 3690000-3690900                           | 1525000-1537000  | 8380730-8380740  | 8330000-8330900  | 6509000-6509900                                      |
| 4007100-4035500                           | 1539000-1549500  |  | 8336000-8380497  | 6544300-6544900                                      |
| 4038800-4038900                           | 1570000  |  | 8380600-8380697  | 6559000-6559900                                      |
| 4066000                                   | 9919400-9919600  |  | 8380800-8420290  | 6790010-6790990                                      |
| 4075000-4080500                           |  | (7)<br>Nonagricultural<br>Semimanufactures                                   | 8500000-8503000  | 6835000-6900550                                      |
| 4300000                                   | (3)<br>Nonagricultural<br>Crude Foodstuffs                         | 0300100-0345900  | 8506000-8508100  | 7063000-7940290                                      |
| 4590000-4596000                           | 0047000-0059200  | 0730000-0751900  | 8511100-8511300  | 8070800-8170607                                      |
| 4691000-4692900                           | 0083000  | 0803000-0808990  | 8521000  | 8259000-8260000                                      |
| 5000000-5002000                           | 0086200-0087900  | 0924000  | 8525000-8525100  | 8291100  |
| 5013100-5053000                           |  | 2019100-2019200  | 8721000-8722900  | 8431000-8441300                                      |
| 5120000-5120700                           | (4)<br>Agricultural<br>Manufactured<br>Foodstuffs and<br>Beverages | 2107200-2108000  |  | 8549000-8719909                                      |
| 5190500                                   | 0018000-0036900  | 2119000-2119300  | (8)<br>Agricultural<br>Finished<br>Manufactures          | 8725000-8731209                                      |
| 5300000-5310410                           | 0040000-0046990  | 2189000-2189400  | 0990040-0990050  | 9001000-9919300                                      |
| 5391000                                   |  | 2220280-2220307  | 2204000  | 9919700-9990760                                      |
| 5394000-5395900                           |  | 2308000  | 2270100-2290580  |  |
| 5460000-5463100                           |  | 2330080-2345950  | 2811100-2815900  |  |
| 5465000                                   |  | 3006100-3020340  |  |  |



## Schedule A.—WHAT IT IS AND HOW TO USE IT

### Introduction

Schedule A is the statistical classification of commodities imported into the United States used in compiling the official United States import statistics. It shows for each commodity description the commodity code numbers to be shown on import entries and withdrawal forms. In addition it shows the country, customs district, subgroup, economic class, unit of quantity, and flag of vessel classifications used in compiling the statistics.

The August 1, 1950 issue corrected to May 1, 1952 superseding the August 1, 1950 edition, is printed in loose-leaf form. A subscription to the Schedule includes the cost of supplemental bulletins and pages to keep it up to date for at least a year from the time of issuance. Announcements of changes will be issued periodically, as required. By following instructions contained in these announcements regarding additions, deletions and substitutions of new pages, the user of the Schedule will at all times have a complete and current Schedule A.

### How Revisions Will Be Made

Every change in the Schedule will be announced in an import Public Bulletin. Announcements of changes will identify the changes to be made and will describe the items and the pages affected by the change. When minor changes are made, the appropriate instructions for making the change will be indicated in the bulletin. Revised pages to be substituted for existing pages will be issued for major changes or when particular pages show a number of minor changes.

## NOTICE

The August 1, 1950 edition of Schedule A is corrected to May 1, 1952 and includes all changes published in Public Bulletins P.B. A-1 to P.B. A-13, inclusive. Pages dated other than May 1, 1952 are pages where no changes have occurred since the original printing or since they were reprinted as of the date appearing thereon.

XXVII

May 1, 1952



**CLASSIFICATION OF IMPORTS**  
**Group 00.--ANIMALS AND ANIMAL PRODUCTS, EDIBLE**

| SCHEDULE A<br>COMMODITY<br>NUMBER | COMMODITY DESCRIPTION AND ECONOMIC CLASS   | UNIT OF<br>QUANTITY | RATE OF DUTY                         |  | TARIFF<br>PARAGRAPH |
|-----------------------------------|--|---------------------|--------------------------------------|--|---------------------|
|                                   |  |                     | 1930 Tariff Act<br>(except as noted) | Trade agreement  |                     |
|                                   | <b>ANIMALS, EDIBLE (EXCEPT FOR BREEDING)</b>   |                     |                                      |  |                     |
|                                   | <b>Cattle</b>  |                     |                                      |  |                     |
| 0010 600 *                        | Weighing less than 200 pounds<br>each (calves)----- (2)  | No<br>Lb-----       | 2½ lb-----                           | 1½ lb. Can., Mex.,<br>bound <sup>1</sup> GATT.   | 701                 |
| 0010 700 *                        | ○ Weighing 200 pounds and less than 700<br>pounds each.----- (2)   | No<br>Lb-----       | 2½ lb-----                           | 1½ lb. Mex. <sup>1</sup>   |                     |
| 0010 800                          | Weighing 700 pounds or more each:<br>Cows for dairy purposes----- (2)  | No<br>Lb-----       | 3¢ lb-----                           | 1½ lb. Can., bound GATT-----   |                     |
| 0010 900                          | Cattle, n. s. p. f.----- (2)   | No<br>Lb-----       | 3¢ lb-----                           | 1½ lb. Can., Mex.,<br>bound <sup>1</sup> GATT.   |                     |
| 0012 000                          | Sheep and lambs----- (2)   | No-----             | \$3 each-----                        | \$1.50 each Mex. <sup>1</sup><br>75¢ each GATT <sup>2</sup>  | 702                 |
| 0012 200                          | Goats----- (2)   | No-----             | \$3 each-----                        |  | 703                 |
| 0013 000                          | Hogs----- (2)  | Lb-----             | 2¢ lb-----                           | 1¢ lb. Can., bound GATT-----   |                     |
|                                   | <b>Poultry, live:</b>  |                     |                                      |  |                     |
| 0014 000                          | Turkeys----- (2)   | Lb-----             | 8¢ lb-----                           | 4¢ lb. Can-----<br>2¢ lb. GATT-----  | 711                 |
| 0015 000                          | Chickens, ducks, geese, and guineas----- (2)   | Lb-----             | 8¢ lb-----                           | 4¢ lb. Can-----<br>2¢ lb. GATT-----  |                     |
| 0015 300                          | Baby chicks of poultry----- (2)  | No-----             | 4¢ each-----                         | 2¢ ea. GATT-----   |                     |
|                                   | <b>MEAT PRODUCTS</b>   |                     |                                      |  |                     |
|                                   | <b>Fresh, chilled, or frozen:</b>  |                     |                                      |  |                     |
| 0018 000                          | Beef----- (4)  | Lb-----             | 6¢ lb-----                           | 3¢ lb. Cuba-----<br>3¢ lb. GATT-----   | 701                 |
| 0019 000                          | Veal----- (4)  | Lb-----             | 6¢ lb-----                           | 3¢ lb. Cuba-----<br>3¢ lb. GATT-----   |                     |
|                                   | <b>Pork:</b>   |                     |                                      |  |                     |
| 0020 100 *                        | Fresh or chilled----- (4)  | Lb-----             | 2½ lb-----                           | 1½ lb. Can., bound GATT-----   | 703                 |
| 0020 500                          | Frozen----- (4)  | Lb-----             | 2½ lb-----                           | 1½ lb. GATT-----   |                     |
| 0021 000                          | Mutton----- (4)  | Lb-----             | 5¢ lb-----                           | 2½ lb. GATT-----   | 702                 |
| 0022 000                          | Lamb----- (4)  | Lb-----             | 7¢ lb-----                           | 3½ lb. GATT-----   |                     |
| 0023 100                          | Goat meat----- (4)   | Lb-----             | 5¢ lb-----                           | 2½ lb. GATT-----   |                     |
| 0023 200                          | Reindeer meat----- (4)   | Lb-----             | 6¢ lb-----                           | 3¢ lb. GATT <sup>2</sup>   |                     |
| 0023 300                          | Venison----- (4)   | Lb-----             | 6¢ lb-----                           | 3¢ lb. U. K.-----<br>1½ lb. GATT-----  | 704                 |
| 0023 500                          | Game (except birds), n. s. p. f. (specify by name).----- (4)   | Lb-----             | 6¢ lb-----                           | 3¢ lb. GATT-----   |                     |
| 0023 600                          | Edible offal: Livers, kidneys, tongues, hearts, sweetbreads, tripe, and brains.----- (4)   | Lb-----             | 6¢ lb-----<br>20 % min-----          | 3¢ lb. Can-----<br>15% min. Can-----<br>1½ lb. GATT-----<br>7½ min. GATT-----  | 706                 |
| 0023 800 <sup>1</sup>             | Prox lega (C. D. 610-4/6/42)----- (4)  | Lb-----             | 10%-----                             | 8% bound Cuba GATT-----  | 1558                |
| 0023 900                          | Meats, n. s. p. f.----- (4)  | Lb-----             | 6¢ lb-----<br>20% min-----           | 3¢ lb. GATT <sup>2</sup> -----<br>10% min. GATT <sup>2</sup> -----   | 706                 |
|                                   | <b>Birds, including poultry:</b>   |                     |                                      |  |                     |
|                                   | <b>Dead dressed or undressed:</b>  |                     |                                      |  |                     |
| 0024 000                          | Turkeys----- (4)   | Lb-----             | 10¢ lb-----                          |  |                     |
| 0025 400                          | Chickens and guineas----- (4)  | Lb-----             | 10¢ lb-----                          | 6¢ lb. Can-----<br>3¢ lb. GATT-----  |                     |
| 0025 500                          | Ducks and geese----- (4)   | Lb-----             | 10¢ lb-----                          | 6¢ lb. Can-----<br>3¢ lb. GATT-----  |                     |
| 0025 900                          | Birds, n. s. p. f. (including game birds)----- (4)   | Lb-----             | 10¢ lb-----                          | 5¢ lb. U. K.-----<br>2½ lb. GATT-----  |                     |
|                                   | <b>Prepared or preserved:</b>  |                     |                                      |  |                     |
| 0026 100 <sup>1</sup>             | Chickens, prepared by removal of the feathers, heads, and all or part of the viscera, with or without removal of the feet, but not cooked or divided into portions. (formerly part of 0026 800 <sup>1</sup> )----- (4) | Lb-----             | 10¢ lb-----                          | 5¢ lb. GATT <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> -----<br>5¢ lb. GATT <sup>1</sup> -----              | 712                 |
| 0026 700 <sup>1</sup>             | Birds, including poultry, prepared or preserved n. s. p. f. (formerly 0026 200 <sup>1</sup> and part of 0026 800 <sup>1</sup> )----- (4)   | Lb-----             | 10¢ lb-----                          | 5¢ lb. GATT <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> -----<br>5¢ lb. GATT <sup>1</sup> <sup>2</sup> ----- |                     |

For explanation of superior notations against commodity numbers and GATT rates, refer to Foreword

<sup>1</sup> Contingent upon proviso specified in T. D. 51802

<sup>2</sup> Rate under GATT (T. D. 51909) not applicable to turkeys

<sup>3</sup> Applicable to "whole chicken, packed in air-tight containers"  
Rate effective December 11, 1950 to January 25, 1952 inclusive  
(T. D. 52587) (T. D. 52674)

May 1, 1952



## CLASSIFICATION OF IMPORTS

## Group 00.--ANIMALS AND ANIMAL PRODUCTS, EDIBLE--Continued

| SCHEDULE A<br>COMMODITY<br>NUMBER | COMMODITY DESCRIPTION AND ECONOMIC CLASS             | UNIT OF<br>QUANTITY | RATE OF DUTY                         |  | TARIFF<br>PARAGRAPH |
|-----------------------------------|--|---------------------|--------------------------------------|--|---------------------|
|                                   |  |                     | 1930 Tariff Act<br>(except as noted) | Trade agreement  |                     |
|                                   | MEAT PRODUCTS--Continued                             |                     |                                      |  |                     |
|                                   | Prepared or preserved--Continued                     |                     |                                      |  |                     |
| 0028 000                          | Canned beef, including corned beef-- (4)             | Lb-----             | 6¢ lb-----<br>20% min-----           | 3¢ lb. Arg., Urug., Para---<br>20% min. Arg., Urug., Para--- | 706                 |
| 0029 000                          | Beef and veal, pickled or cured <sup>1</sup> --- (4) | Lb-----             | 6¢ lb-----<br>20% min-----           | 3¢ lb. Arg., Urug., Para---<br>20% min. Arg., Urug., Para--- |                     |

<sup>1</sup> Jerked beef imported into Puerto Rico (free) for emergency (T.D. 50599) (Indicated by rate provision 17).



## CLASSIFICATION OF IMPORTS

## Group 00.--ANIMALS AND ANIMAL PRODUCTS, EDIBLE--Continued

| SCHEDULE A<br>COMMODITY<br>NUMBER                               | COMMODITY DESCRIPTION AND ECONOMIC CLASS  | UNIT OF<br>QUANTITY | RATE OF DUTY                         |   | TARIFF<br>PARAGRAPH         |
|---|---|---------------------|--------------------------------------|---|-----------------------------|
|   |   |                     | 1930 Tariff Act<br>(except as noted) | Trade agreement   |                             |
| MEAT PRODUCTS--Continued  |   |                     |                                      |   |                             |
| Prepared or preserved--Continued                                |   |                     |                                      |   |                             |
| Pork:   |   |                     |                                      |   |                             |
| Hams, shoulders, and bacon (include backs, butts, and picnics): |   |                     |                                      |   |                             |
| 0030 100 <sup>a</sup>   | Not cooked, boned, or canned, or made into sausage. (4)   | Lb-----             | 3½¢ lb-----                          | 2¢ lb. Can., bound GATT-----  | 703                         |
| 0030 300 <sup>L</sup>   | Pork sausage, except fresh pork sausage (from 0030 900 <sup>a</sup> ). (4)  | Lb-----             | 3½¢ lb-----                          | 1 5/8 ¢ lb. GATT <sup>L</sup> -----   |                             |
| 0030 900 <sup>a</sup>   | Other----- (4)  | Lb-----             | 3½¢ lb-----                          | -----   |                             |
| Other, pickled or salted:                                       |   |                     |                                      |   |                             |
| 0031 100 <sup>a</sup>   | Not cooked, boned, or canned, or made into sausage. (4)   | Lb-----             | 3½¢ lb-----                          | 2¢ lb. Can., bound GATT-----  | 703                         |
| 0031 300 <sup>L</sup>   | Pork sausage, except fresh pork sausage (from 0031 900 <sup>a</sup> ). (4)  | Lb-----             | 3½¢ lb-----                          | 1 5/8 ¢ lb. GATT <sup>L</sup> -----<br>2.6¢ lb. <sup>U.S.</sup> bound Cuba-----   |                             |
| 0031 900 <sup>a</sup>   | Other----- (4)  | Lb-----             | 3½¢ lb-----                          | 2.6¢ lb. bound Cuba GATT-----   |                             |
| 0032 100 <sup>a</sup>   | Meat pastes (except liver pastes), prepared or preserved, n.s.p.f., packed in airtight containers weighing each, with container, not over 3 ounces. (4) | Lb-----             | 6¢ lb-----<br>20% min-----           | 6¢ lb. U.K.-----<br>10% min. U.K.-----<br>3¢ lb. GATT-----<br>10% min. GATT-----  |                             |
| 0032 900 <sup>a</sup>   | Frog legs, prepared or preserved (C. D. 610-4/6/42). (4)  | Lb-----             | 20%-----                             | ¾¢ Cuba GATT-----<br>12% GATT <sup>L</sup> -----  | 1558                        |
| 0032 900 <sup>a</sup>   | Canned meats, n. e. s., and prepared or preserved meats, n.s.p.f. (include liver paste) (specify by name). (4)  | Lb-----             | 6¢ lb-----<br>20% min-----           | 3¢ lb. Arg., Urug., Para-----<br>20% min. Arg., Urug., Para-----<br>3¢ lb. GATT-----<br>10% min. GATT-----  | 706                         |
| Sausage casings:  |   |                     |                                      |   |                             |
| 0034 900  | Sheep, lamb, and goat casings----- (4)  | Lb-----             | Free-----                            | Free, bound Turk., Arg., Urug., Iran., GATT-----  | 1755                        |
| 0035 300  | Sausage casings, n.s.p.f. (specify by name) (Include weasands, bladders, and intestines.) (4)   | Lb-----             | Free-----                            | Free, bound Turk., Arg., Urug., Iran., Para, GATT-----  |                             |
| ANIMAL OILS AND FATS, EDIBLE                                    |   |                     |                                      |   |                             |
| 0036 900  | Lard----- (4)   | Lb-----             | 3¢ lb-----                           | -----   | 703                         |
| 0036 100  | Lard compounds and lard substitutes made from animal or vegetable oils and fats. (4)  | Lb-----             | 5¢ lb <sup>a</sup> -----             | -----   |                             |
| 0036 200  | Oleo oil----- (4)   | Lb-----             | 1¢ lb. + 3¢ lb. I.R.C.-----          | ½¢ lb. Arg., Urug. + 1½¢ lb. I.R.C. Arg., Urug.-----  | 701                         |
| 0036 300  | Oleo stearin----- (4)   | Lb-----             | 1¢ lb. + 3¢ lb. I.R.C.-----          | ½¢ lb. Arg., Urug. + 1½¢ lb. I.R.C. Arg., Urug.-----  | \$2491 (c)<br>I.R.C.        |
| 0036 500  | Oleomargarine and other butter substitutes made from animal or vegetable oils and fats. (4)   | Lb-----             | 14¢ lb. <sup>a</sup> -----           | 7¢ lb. GATT-----  | 709                         |
| 0036 900  | Beef and mutton tallow (include oleo stock) (T.D. 48976.) (Inedible tallow, see 0815 600.) (4)  | Lb-----             | ½¢ lb. + 3¢ lb. I.R.C.-----          | ½¢ lb. Arg., Urug., Para. + 1½¢ lb. I.R.C., Arg., Urug., Para.-----<br>1/8¢ lb. GATT <sup>a</sup> + ½¢ lb. I.R.C. GATT <sup>a</sup> -----   | 701<br>\$2491 (a)<br>I.R.C. |
| 0036 900 <sup>a</sup>   | Animal oils and fats, n.e.s. <sup>b</sup> (Include edible chicken fat formerly reported in 0821 100.) (4)   | Lb-----             | 20%-----                             | 10% GATT <sup>a</sup> -----   | 52                          |
| DAIRY PRODUCTS  |   |                     |                                      |   |                             |
| Milk and cream:   |   |                     |                                      |   |                             |
| 0037 900  | Cream----- (2)  | Gal-----            | 56.6¢ gal-----                       | 56.6¢ gal. <sup>a</sup> bound Can., GATT, GATT <sup>a</sup> -----<br>28.3¢ gal. <sup>a</sup> Can-----<br>20¢ gal. <sup>a</sup> GATT-----<br>13¢ gal. <sup>a</sup> GATT <sup>a</sup> ----- | 707                         |
| 0038 900  | Whole milk----- (2)   | Gal-----            | 6.5¢ gal-----                        | 6.5¢ gal. <sup>a</sup> bound Can. GATT-----<br>3½¢ gal. <sup>a</sup> Can-----<br>2¢ gal. <sup>a</sup> GATT-----   |                             |
| 0039 200  | Skim milk and buttermilk----- (2)   | Gal-----            | 2 1/20¢ gal-----                     | 2 1/20¢ gal. bound Can-----<br>1½¢ gal. GATT-----   |                             |

For explanation of superior notations against commodity numbers and GATT rates, refer to Foreword.

<sup>a</sup> Applicable to weasands, bladders, and intestines produced from sheep, lambs, and goats.

<sup>b</sup> For supplemental numbers reporting import tax under Internal Revenue Code, refer to Foreword.

<sup>c</sup> Not previously provided for in Schedule A.

<sup>d</sup> Applicable to imports in excess of quantity restriction (T.D. 49752) (T.D. 51802) (T.D. 52739).

<sup>e</sup> Subject to quota provisions (T.D. 49752) (T.D. 51802) (T.D. 52739).

May 1, 1952



## CLASSIFICATION OF IMPORTS

2a

## Group 00. -- ANIMALS AND ANIMAL PRODUCTS, EDIBLE -- Continued

| SCHEDULE A<br>COMMODITY<br>NUMBER | COMMODITY DESCRIPTION AND ECONOMIC CLASS | UNIT OF<br>QUANTITY | RATE OF DUTY                         |                      | TARIFF<br>PARAGRAPH |
|-----------------------------------|--|---------------------|--------------------------------------|----------------------|---------------------|
|                                   |  |                     | 1930 Tariff Act<br>(except as noted) | Trade agreement      |                     |
|                                   | DAIRY PRODUCTS -- Continued              |                     |                                      |                      |                     |
|                                   | Milk and cream -- Continued              |                     |                                      |                      |                     |
|                                   | Condensed or evaporated milk:            |                     |                                      |                      |                     |
|                                   | In airtight containers:                  |                     |                                      |                      |                     |
| 0040 000                          | Unsweetened ----- (4)                    | Lb -----            | 1.8¢ lb -----                        | 1¢ lb. GATT -----    | 708 (a)             |
| 0040 100                          | Sweetened ----- (4)                      | Lb -----            | 2.75¢ lb -----                       | 1.75¢ lb. GATT ----- |                     |
| 0040 700                          | All other (specify by name) ----- (4)    | Lb -----            | 2.53¢ lb -----                       | 1.5¢ lb. GATT -----  |                     |

January 26, 1962



**U. S. DEPARTMENT OF COMMERCE**

CHARLES SAWYER, Secretary

**BUREAU OF THE CENSUS**

ROY V. PEEL, Director (Appointed March 9, 1960)

J. C. CAPT, Director (Retired August 17, 1949)

**CENSUS OF MANUFACTURES: 1947****PRODUCT SUPPLEMENT**

Quantity and Value of Shipments and/or  
Production for More Than 6,000  
Products Manufactured by  
United States Industry



Prepared under the supervision of

MAXWELL R. CONKLIN

Chief, Industry Division

UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1950



# General Explanations

## I. INTRODUCTION

This volume includes all the information relative to the production and shipments of individual products published in the 81 separate industry reports and in Volume II, "Statistics by Industry," of the 1947 Census of Manufactures. In addition to product statistics, the industry reports present information on such subjects as employment, pay rolls, cost of materials, inventories, and capital expenditures, together with a brief description of the industries covered. Since the present volume was reproduced from the plates for these earlier reports, there are occasional references to the descriptive material or to another table in the industry report.

The 1947 Census is the first to be taken since 1939. The first Census of Manufactures covered the year 1809 and a census was taken at 10-year intervals in connection with the Decennial Census of Population up to and including 1899, with the exception of 1829. It was conducted at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939, but was suspended during the war period. Present legislation provides for a Census of Manufactures to cover the year 1953 and every fifth year thereafter.

## 2. ESTABLISHMENTS COVERED IN THE CENSUS

The 1947 Census covered all establishments primarily engaged in manufacturing as defined in the Standard Industrial Classification Manual, Volume I, dated November 1945. The following types of activities are defined as nonmanufacturing by the Standard Industrial Classification and so are excluded from the Census of Manufactures whether or not they are associated with the production of commodities of a kind ordinarily produced in factories:

Manufacturing activities of certain establishments which sell most of their products at retail on the premises, e. g., single-shop retail bakeries.

Fabricating operations performed at the site of construction by contractors.

Production by public utilities of electric light and power or of heating, cooking, and illuminating gas distributed through mains.

Custom work to the individual order of household consumers, such as custom tailoring or woodworking.

Repair and other service activities except specified services performed "for the trade." Machine shops engaged exclusively or almost exclusively in repair work and railroad repair shops are also excluded.

To the extent that establishments of this type produce a significant proportion of the total national production of a commodity, the data presented in the following pages are too low. This qualification is important in only a few instances, notably: bakery products; dried fruit; prepared feeds; Venetian blinds; awnings; and millwork.

While the 1947 report forms were distributed and for the most part returned by mail, manufacturers who did not send in a report or whose reports were incomplete or otherwise inadequate were reached by telephone or personal visit from the Field Offices of the Bureau. After the canvass was completed, however, the Bureau undertook an intensive enumeration in representative sample areas in order to get some measure of the degree of coverage achieved. Preliminary results of this coverage check indicate that for the country as a whole the census included in its tabulations reports from establishments accounting for over 98 percent of all manufacturing employees as defined for census purposes. A large proportion of the employees not covered were found to be employed in small establishments which also engaged at the same location in retail trade, custom work, repair services, construction, or other nonmanufacturing activities. Because of the "marginal" character of such establishments either they were not included in the mailing lists used or when the reports were received they did not contain adequate information and so were classified as nonmanufacturing.

## 3. THE CENSUS REPORT FORM

The early censuses used a single report form and the published information was limited to such general statistics as employment, pay rolls, capital invested, total value of products and cost of materials. In more recent censuses, however, the majority of manufacturers have received report forms containing preprinted list of products in order to assure uniform reporting and so permit the publication of product information in the detail needed by industry or governmental agencies. In 1947, specially-designed report forms, numbering about 200, were sent to manufacturers in all but 26 out of 453 industries. These 26 industries accounted for less than one percent of



## CENSUS OF MANUFACTURES: 1947

total employment in that year. For these industries the product information is usually restricted to a single value figure.

In addition, a short report form was used by some 40,000 smaller establishments in a large number of industries. Although the establishments reporting on this form accounted for less than one percent of total manufacturing employment, they were of considerably greater importance in some industries and account for a significant proportion of the residual or "not classified by kind" items in the product tables for such industries. Other sources of these items were combined entries in the product sections of the industry forms and those instances in which establishments described in their own words their secondary products, i.e., their shipments of products normally produced in other industries and not specifically listed on their industry form.

## 4. PRODUCTS

Most manufacturers were asked to report their shipments and, in many cases, their production of a specified list of products known to be produced by a significant number of establishments in their industry. The list of products was prepared for each industry after intensive study of the 1939 reports, and review and approval by a number of Inter-Agency Committees set up within the Federal Government. In developing the product sections of the 1947 report forms, the Bureau benefited from the advice of trade association officials in nearly all industries. In addition, preliminary drafts of the form were mailed to selected manufacturers in every industry; and, where feasible, the form was revised in accordance with their suggestions.

In all, about 6,500 individual product items were specified on the various forms. The term "products," as used in the Census of Manufactures, may have a broader or narrower content than in common usage. For example, automotive gasoline was reported as a single item. On the other hand, cotton broad-woven goods were distributed into nearly 200 individual "products" according to type of weave, width of fabric, and other specifications. For some items, e.g., bearings, it would have been desirable to obtain product information in much greater detail than that actually requested, but the extent to which the production of individual types and sizes is concentrated in one or two individual companies would have made it impossible to publish detailed data without revealing the operations of these companies. Thus the 6,500 individual products included on the forms merely represent the number of items for which it was considered practical to publish census information.

Of the 6,500 items included on the forms, data were actually published for approximately 6,100.

The balance were eliminated because their publication would involve disclosure of the activities of individual companies or because it turned out that a number of important producers could not report products in the detail requested; in all such cases the product data were combined with that for a similar item or included in an "all other" category. In this respect 1947 experience compares favorably with that for 1939 when of approximately the same number of items included, only about 4,000 could be shown. The principal reason for this difference seems to have been that in 1947, a large number of products were eliminated from the forms because they were of very limited economic importance; in general, a product was not included if its 1939 production was valued at less than \$2 million. In 1939 the loss of product detail owing to disclosure or poor reporting was particularly heavy in products of this magnitude. On the other hand, product items which were reported in large volume by a large number of establishments in 1939 were split up in 1947 into a number of products, where feasible.

In designing the 1947 product inquiries more weight was given to current industry practice and requirements than to comparability with 1939. In consequence, at the individual product level 1939 data are available for only about 1,500 product items. In many instances, however, comparable 1939 value and sometimes quantity data are available for the sum of two or more 1947 product items; on this basis, 1939 data are shown for about 2,500 of the 1947 products. Comparable 1939 data are more often available for basic materials such as steel and textiles than for finished manufactures such as machinery or apparel.

## 5. ABBREVIATIONS

The following abbreviations and symbols recur frequently both in the tables and footnotes:

|          |   |
|----------|---|
| n. a.    | not available   |
| n. e. c. | not elsewhere classified                                      |
| M        | thousand  |
| mil.     | million   |
| bil.     | billion   |
| std.     | standard  |
| lin.     | linear  |
| b. m.    | board measure   |
| equiv.   | equivalent  |
| -----    | zero or not applicable  |
| (d)      | withheld to avoid disclosing figures for individual companies |

Other abbreviations, such as lb., gal., yd., doz., bbl., are used in the customary sense. Where the term tons only is used, it refers to short tons of 2,000 lbs. Where the figures are expressed in tons of 2,240 lbs., the unit of measure is specified as long tons or gross tons.



## Chapter I—FOOD AND KINDRED PRODUCTS

## MEAT PRODUCTS

TABLE A.—QUANTITY AND VALUE OF PRODUCTS, TOTALS FOR THE UNITED STATES: 1947 AND 1939

[Money figures in thousands of dollars]

| PRODUCT   | 1947             |                    |  |                    |                                   |                  | 1939                    |                 |
|---|------------------|--------------------|--|--------------------|-----------------------------------|------------------|-------------------------|-----------------|
|   | Net shipments    |                    | Gross shipments and interplant transfers |                    | Purchases and interplant receipts |                  | Production <sup>1</sup> |                 |
|   | Quantity         | Value              | Quantity                                 | Value              | Quantity                          | Value            | Quantity                | Value           |
|   | (M lbs.)         |                    | (M lbs.)                                 |                    | (M lbs.)                          |                  | (M lbs.)                |                 |
| <b>Fresh beef, total<sup>2</sup></b>                    | <b>7,569,143</b> | <b>\$2,645,771</b> | <b>8,635,155</b>                         | <b>\$2,971,372</b> | <b>1,066,012</b>                  | <b>\$325,601</b> | n.a.                    | n.a.            |
| Carcass   | 6,401,784        | 2,263,961          | 7,377,335                                | 2,571,657          | 975,551                           | 307,696          | 5,462,233               | \$762,725       |
| Variety meats   | 373,286          | 93,675             | 458,708                                  | 110,013            | 85,422                            | 16,338           | n.a.                    | n.a.            |
| Fresh beef, not specified by kind                       | 794,073          | 288,135            | 799,112                                  | 289,702            | 5,039                             | 1,567            |                         |                 |
| <b>Fresh veal, total<sup>2</sup></b>                    | <b>1,014,701</b> | <b>341,568</b>     | <b>1,118,199</b>                         | <b>373,498</b>     | <b>103,498</b>                    | <b>31,930</b>    | n.a.                    | n.a.            |
| Carcass   | 842,236          | 277,986            | 939,108                                  | 307,696            | 96,872                            | 29,680           | 672,503                 | 97,143          |
| Variety meats   | 53,828           | 20,102             | 59,829                                   | 22,030             | 6,001                             | 1,928            | n.a.                    | n.a.            |
| Fresh veal, not specified by kind                       | 118,637          | 43,480             | 119,262                                  | 43,802             | 625                               | 322              | n.a.                    | n.a.            |
| <b>Fresh lamb and mutton, total<sup>2</sup></b>         | <b>748,932</b>   | <b>284,057</b>     | <b>811,542</b>                           | <b>306,654</b>     | <b>62,610</b>                     | <b>22,597</b>    | n.a.                    | n.a.            |
| Carcass   | 687,808          | 265,923            | 747,335                                  | 287,648            | 59,527                            | 21,725           | 780,423                 | 128,313         |
| Variety meats   | 34,889           | 6,831              | 37,921                                   | 7,687              | 3,032                             | 856              | n.a.                    | n.a.            |
| Fresh lamb and mutton, not specified by kind            | 26,235           | 11,303             | 26,286                                   | 11,319             | 51                                | 16               | n.a.                    | n.a.            |
| <b>Fresh pork, total<sup>2</sup></b>                    | <b>3,066,018</b> | <b>1,168,541</b>   | <b>4,356,513</b>                         | <b>1,630,150</b>   | <b>1,290,495</b>                  | <b>461,609</b>   | n.a.                    | n.a.            |
| Carcass   | 2,498,302        | 988,738            | 3,681,300                                | 1,420,536          | 1,182,998                         | 431,798          | n.a.                    | n.a.            |
| Variety meats   | 190,996          | 31,233             | 285,225                                  | 56,910             | 94,229                            | 25,677           | n.a.                    | n.a.            |
| Fresh pork, not specified by kind                       | 376,720          | 148,570            | 389,988                                  | 152,704            | 13,268                            | 4,134            | n.a.                    | n.a.            |
| Lard (including rendered pork fat)                      | 1,816,201        | 466,490            | 2,049,745                                | 522,845            | 233,544                           | 56,355           | 1,552,338               | 107,422         |
|   | (thousands)      |                    | (thousands)                              |                    | (thousands)                       |                  | (thousands)             |                 |
| <b>Hides, skins, and pelts, total</b>                   |                  | <b>\$330,890</b>   |  | <b>\$354,851</b>   |                                   | <b>\$23,961</b>  |                         | <b>\$97,931</b> |
| Cattle  | 17,972           | 211,945            | 18,549                                   | 215,305            | 577                               | 3,360            | 12,055                  | 63,995          |
| Calf  | 8,459            | 57,630             | 9,048                                    | 60,544             | 589                               | 2,914            | 5,377                   | 11,887          |
| Sheep and lamb  | 16,099           | 39,183             | 20,539                                   | 51,249             | 4,440                             | 12,066           | 25,645                  | 21,811          |
| Other hides and skins                                   | n.a.             | n.a.               | n.a.                                     | n.a.               | n.a.                              | n.a.             | 352                     | 238             |
| Hides, skins, and pelts, not specified by kind          |                  | 2,132              |  | 27,753             |                                   | 5,621            | n.a.                    | n.a.            |
|   | (M lbs.)         |                    | (M lbs.)                                 |                    | (M lbs.)                          |                  | (M lbs.)                |                 |
| <b>Other slaughtering plant products, total</b>         |                  | <b>35,366</b>      |  | <b>44,364</b>      |                                   | <b>8,998</b>     |                         | <b>n.a.</b>     |
| Other meat (goat, horse, etc.)                          | 125,704          | 15,789             | 156,068                                  | 18,876             | 30,364                            | 3,087            | 18,762                  | 1,284           |
| Pulled wool <sup>3</sup>                                | 22,019           | 17,234             | 30,460                                   | 22,889             | 8,441                             | 5,655            | 37,225                  | 16,737          |
| Animal products for medicinal use                       |                  | 2,343              |  | 2,599              |                                   | 256              | n.a.                    | n.a.            |
| Slaughtering plant products, not specified by kind      |                  | 198,248            |  | 307,856            |                                   | 109,608          |                         | 52,122          |
| <b>Pork, processed and cured, total</b>                 | <b>2,828,017</b> | <b>1,472,875</b>   | <b>3,607,657</b>                         | <b>1,814,673</b>   | <b>779,640</b>                    | <b>\$41,798</b>  | n.a.                    | n.a.            |
| Sweet pickled and dry cured                             | 148,993          | 62,148             | 644,310                                  | 279,680            | 495,317                           | 217,532          | n.a.                    | n.a.            |
| Dry salt  | 354,730          | 99,459             | 424,961                                  | 118,960            | 70,231                            | 19,501           | n.a.                    | n.a.            |
| Smoked ham and picnics                                  | 867,461          | 461,847            | 921,164                                  | 489,160            | 53,703                            | 27,313           | n.a.                    | n.a.            |
| Sliced bacon  | 615,869          | 371,578            | 662,949                                  | 396,367            | 47,080                            | 24,789           | n.a.                    | n.a.            |
| Other smoked pork products                              | 445,890          | 214,906            | 477,663                                  | 230,310            | 31,773                            | 15,404           | n.a.                    | n.a.            |
| Cooked, boiled, or ready-to-eat pork                    | 274,103          | 195,065            | 295,194                                  | 208,392            | 21,091                            | 13,327           | 220,599                 | 63,297          |
| Processed pork, not specified by kind                   | 120,971          | 67,872             | 181,416                                  | 91,804             | 60,445                            | 23,932           | n.a.                    | n.a.            |
| Sausage, meat loaves, etc. (except canned) <sup>2</sup> | 2,359,113        | 961,654            | 2,525,639                                | 1,022,445          | 166,526                           | 60,791           | 1,673,571               | 273,807         |
| Canned meats <sup>2</sup>                               | 1,011,352        | 406,151            | 1,221,583                                | 480,977            | 210,231                           | 74,996           | 341,425                 | 65,770          |
| <b>Miscellaneous cured meats and casings, total</b>     |                  | <b>64,163</b>      |  | <b>119,998</b>     |                                   | <b>\$7,335</b>   |                         | <b>n.a.</b>     |
| Beef, pickled or cured                                  | 30,608           | 18,000             | 62,325                                   | 28,974             | 31,717                            | 1,974            | n.a.                    | n.a.            |
| Beef, dried or dehydrated                               | 22,491           | 17,532             | 32,266                                   | 23,934             | 9,775                             | 6,402            | n.a.                    | n.a.            |
| Beef, cooked or roasted                                 | 4,169            | 2,827              | 4,291                                    | 2,897              | 122                               | 70               | n.a.                    | n.a.            |
| Other processed beef (smoked tongue, etc.)              | 10,309           | 7,977              | 10,309                                   | 7,977              |                                   |                  | n.a.                    | n.a.            |
| Veal, cured   | 4,143            | 1,588              | 4,894                                    | 1,862              | 751                               | 274              | n.a.                    | n.a.            |
| Lamb and mutton, cured                                  | 189              | 44                 | 1,898                                    | 504                | 1,709                             | 460              | n.a.                    | n.a.            |
| Casings, beef   | n.a.             | 2,223              | n.a.                                     | 8,124              | n.a.                              | 5,901            | n.a.                    | 2,495           |
| Casings, hog  | n.a.             | 11,716             | n.a.                                     | 27,369             | n.a.                              | 15,653           | n.a.                    | 7,932           |
| Casings, sheep and lamb                                 | n.a.             | 2,172              | n.a.                                     | 16,146             | n.a.                              | 13,974           | n.a.                    | 6,976           |
| Casings, other natural                                  | n.a.             | 84                 | n.a.                                     | 2,211              | n.a.                              | 2,127            | n.a.                    | n.a.            |
| Prepared meat products, not specified by kind           |                  | 63,718             |  | 69,809             |                                   | 6,091            |                         | 2,388           |
| Fresh and processed meats, not specified by kind        |                  |                    |  |                    |                                   | 72,824           |                         |                 |

See footnotes at end of table.



## CENSUS OF MANUFACTURES: 1947

TABLE A.—QUANTITY AND VALUE OF PRODUCTS, TOTALS FOR THE UNITED STATES: 1947 AND 1939—Continued.

| PRODUCT   | 1947          |           | 1939       |          |
|---|---------------|-----------|------------|----------|
|   | Net shipments |           | Production |          |
|   | Quantity      | Value     | Quantity   | Value    |
|   | (M lbs.)      |           | (M lbs.)   |          |
| Chicken and foot, New York dressed, total       | 607,337       | \$225,300 | 437,400    | \$74,479 |
| Frozen or hard-chilled (box-packed)             | 471,638       | 174,490   | n.a.       | n.a.     |
| Other pack (used in barrels, etc.)              | 132,394       | 49,718    | n.a.       | n.a.     |
| Pack not specified                              | 3,105         | 992       |            |          |
| Other poultry, New York dressed, total          | 172,342       | 72,633    | 130,043    | 26,043   |
| Turkeys, total                                  | 162,142       | 65,356    | 112,316    | 23,000   |
| Frozen or hard-chilled                          | 136,462       | 58,397    | n.a.       | n.a.     |
| Other pack                                      | 23,771        | 10,262    | n.a.       | n.a.     |
| Pack not specified                              | 1,890         | 777       |            |          |
| Ducks, geese, etc.                              | 10,200        | 3,477     | 17,727     | 2,973    |
| Chicken and foot, eviscerated, total            | 149,378       | 73,789    |            |          |
| Frozen or hard-chilled                          | 116,436       | 62,645    | n.a.       | n.a.     |
| Other pack                                      | 32,920        | 17,114    |            |          |
| Other poultry, eviscerated, total               | 38,618        | 29,911    |            |          |
| Turkeys, total                                  | 34,923        | 26,331    | n.a.       | n.a.     |
| Frozen or hard-chilled                          | n.a.          | 1,973     |            |          |
| Other pack                                      | n.a.          | 1,680     |            |          |
| Ducks, geese, etc.                              | 3,595         |           |            |          |
| Small game and byproducts (fat, feathers, etc.) |               | 1,825     |            | 734      |
| Poultry, not specified by kind                  |               | 11,793    |            | 7,493    |

n.a.—Not available.

<sup>1</sup> 1939 production includes an unknown amount of duplication because of the use of products of some establishments as materials by others. See Sixteenth Census of the United States: 1945, Manufactures 1939, Volume II, part 1, table 8, page 41, for data believed to account for the bulk of this duplication.

<sup>2</sup> Includes frozen.

<sup>3</sup> Figures represent the output of establishments classified in the "Meat packing, wholesale" and "Grease and tallow" industries. Detailed product information was not obtained from establishments primarily engaged in wool pulling (Industry 3699).

<sup>4</sup> Includes total sales (\$211,763,000) of 328 establishments reporting on a short form which did not call for a breakdown of sales. Purchases of these establishments are not included in the purchases figure.

<sup>5</sup> For detailed production data, see table 6-B.

<sup>6</sup> Includes total sales (\$28,376,000) of 137 establishments reporting on a short form which did not call for a breakdown of sales. Purchases of these establishments are not included in the purchases figure.

<sup>7</sup> Includes eviscerated.

TABLE B.—PRODUCTION OF SELECTED MEAT PRODUCTS, TOTALS FOR THE UNITED STATES: 1947

(Figures in thousands of pounds)

| PRODUCT   | Quantity produced | PRODUCT   | Quantity produced |
|---|-------------------|---|-------------------|
| Fresh beef, total                                 | 3,005,380         | Sausage, meat loaves, etc. (except canned)—Continued    |                   |
| Carcass   | 7,032,028         | Other hard dry sausage                                  | 29,823            |
| Variety meats                                     | 310,363           | Other semidry sausage                                   | 98,509            |
| Fresh beef, not specified by kind                 | 923,876           | Meat loaves   | 236,475           |
| Fresh veal, total                                 | 1,169,630         | Jellied goods and other preparations                    | 85,537            |
| Carcass   | 1,056,250         | Sausage and other prepared meats, not specified by kind | 387,717           |
| Variety meats                                     | 21,517            | Canned meats, total                                     | 1,009,362         |
| Fresh veal, not specified by kind                 | 142,063           | Lancet meats  | 332,134           |
| Fresh lamb and mutton, total                      | 788,235           | Canned hams   | 49,171            |
| Carcass   | 718,312           | Vienna sausage  | 70,430            |
| Variety meats                                     | 41,398            | Other frankfurters, including sausages in oil           | 26,001            |
| Fresh lamb and mutton, not specified by kind      | 28,415            | Potted and deviled meats, except deviled ham            | 43,037            |
| Fresh pork  | 9,435,894         | Deviled ham   | 10,616            |
| Carcass   | 8,213,030         | Sliced dried beef                                       | 19,471            |
| Variety meats                                     | 680,514           | Liver products  | 36,212            |
| Fresh pork, not specified by kind                 | 761,730           | Meat stew, all types                                    | 39,844            |
| Lard (including rendered pork fat)                | 1,858,367         | Spaghetti-meat products, all types                      | 13,906            |
| Sausage, meat loaves, etc. (except canned), total | 2,367,981         | Tongue, other than pickled                              | 10,796            |
| Fresh pork sausage                                | 247,074           | Vinegar pickled products                                | 30,289            |
| Other fresh sausage                               | 92,321            | Canned and roast beef                                   | 24,600            |
| Frankfurters                                      | 324,181           | Meat with gravy   | 33,667            |
| Bologna   | 405,502           | Other canned meat products, except dog and cat food     | 221,914           |
| Liver sausage and brunschweiler                   | 165,390           | 2½% or more meat  | 63,079            |
| Salami, all types                                 | 85,423            | Canned meat, not specified by kind                      | 32,845            |

<sup>1</sup> Production of establishments reporting detailed statistics. See table 6-A for value of shipments of establishments not reporting detail.

<sup>2</sup> This figure is about 4 percent higher than that published in the Census "Facts for Industry" series for 1947. The Census of Manufactures included some establishments not reporting in the "Facts for Industry" survey.

EXHIBIT "12"

**EXECUTIVE OFFICE OF THE PRESIDENT**  
**Bureau of the Budget**  
**Division of Statistical Standards**

**STANDARD**  
**INDUSTRIAL CLASSIFICATION**

**VOLUME I. - MANUFACTURING INDUSTRIES**  
**Part 2. - Description of Industries**

**TECHNICAL COMMITTEE**  
**ON INDUSTRIAL CLASSIFICATION**

**Washington, D.C.**  
**1940**



123

**EXECUTIVE OFFICE OF THE PRESIDENT  
Bureau of the Budget  
Division of Statistical Standards**

**STANDARD INDUSTRIAL CLASSIFICATION**

**VOLUME I.—MANUFACTURING INDUSTRIES**

**Part 2.—Description of Industries**

**TECHNICAL COMMITTEE  
ON INDUSTRIAL CLASSIFICATION**

**Washington, D. C.  
1940**

## INTRODUCTION

Volume I, part 2, of the Standard Industrial Classification Manual has been prepared by the Technical Committee on Industrial Classification, which includes representatives of the Division of Statistical Standards (formerly Central Statistical Board) of the Bureau of the Budget, the Bureau of the Census, the Bureau of Labor Statistics, the United States Treasury Department, the United States Tariff Commission, the Division of Placement and Unemployment Insurance of the New York State Department of Labor, and the Bureau of Employment Security and the Bureau of Old-Age and Survivors Insurance of the Social Security Board.

Part 2 describes each 4-digit manufacturing industry listed in volume I, part 1, with the exception of certain industries for which no descriptions appeared necessary. This part of the Standard Industrial Classification Manual is designed for general reference and training purposes.



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## MANUFACTURING INDUSTRIES

## The Division as a Whole

Manufacturing may be defined as the mechanical or chemical transformation of mineral or organic substances in establishments which are usually described as plants, factories, or mills, and which are characterized by the use of power equipment, machine tools, and materials-handling equipment. The assembly of component parts of manufactured products is also considered manufacturing if the new product is neither a structure nor other fixed improvement.

The materials processed by manufacturing establishments include products of agriculture, forestry, fishing, mining, and quarrying. The final product of a manufacturing industry may be "finished" in the sense that it is ready for utilization or consumption, or it may become the "raw material" of an industry engaged in further manufacture. For example, the product of the copper smelter is the raw material of the electrolytic refinery; refined copper is the raw material used by copper wire mills; and copper wire is the raw material used by certain electrical equipment manufacturers.

The materials processed by manufacturing establishments may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the markets by transferring the product from another establishment under the same ownership. Production is usually carried on for the wholesale market, for interplant transfer, or to order for industrial users, rather than to the individual order of the household consumer.

In applying this classification, the unit to be classified is the establishment. In most cases the industry assignment is determined on the basis of the principal product made in the establishment, but in a number of instances other criteria are used. In classifying rolling mills, for example, the distinguishing feature is the type of machinery employed; thus, "continuous" and "non-continuous" mills are separately classified. In the classification of rubber and leather footwear, raw material is the basis of classification. Also, provision is made for the classification of some industries by type of operation--contract dress manufacturers are distinguished from jobbers or inside factories.

Auxiliary units, such as power plants, buying offices, laboratories, repair shops, garages or warehouses, operated by a manufacturing establishment for its own use, are classified according to the primary activity of the manufacturing establishment. Similarly, central and district administrative offices are included with the manufacturing establishment when they are not primarily wholesale outlets.



There are borderline cases between the Manufacturing Division and the other divisions in the classification system. Many specific instances will be found in the descriptions of the individual industries. A few of the more important examples are:

#### Agriculture, Forestry, and Fishery

Processing on farms is not considered manufacturing if the raw materials are grown on the farm and if the manufacturing activities are on a small scale without the extensive use of paid labor. Other exclusions are custom grist milling, threshing, and cotton ginning.

#### Mining

The dressing and beneficiating of ores, and the breaking, washing, and grading of coal are not considered to be manufacturing.

#### Construction

Fabricating operations performed at the site of construction by contractors are not considered as manufacturing, but the prefabrication of sheet-metal, concrete, and terrazzo products and similar construction materials is included in the manufacturing Division.

#### Wholesale and Retail Trade

Establishments engaged in the following types of operation are excluded from the Manufacturing Division: assembling, grading, and preparing fruits and vegetables for the market; pasteurizing and bottling milk; shelling and roasting nuts; cleaning, shucking, and packing fresh clams, oysters, and similar seafoods. Retail stores producing some or all of the products sold on the premises are not included in the manufacturing Division.

#### Transportation, Communication and Other Public Utilities

Railroad repair shops rebuilding and repairing locomotives and cars are excluded from the Manufacturing Division; while shops building new locomotives and car are included.

#### Services

In addition to certain of the service industries previously mentioned, a number of other repair trades, hand trades, and custom industries are excluded from the Manufacturing Division, such as power laundries; automobile, electrical, radio, jewelry, watch, furniture, upholstery, shoe, and clothing repair shops; blacksmiths, etc.

MAJOR GROUP 20.--FOOD AND KINDRED PRODUCTS

The Major Group as a Whole

This group of industries includes establishments manufacturing foods and beverages for human consumption, and certain related products such as artificial ice, chewing gum, and prepared feeds for animals and fowls.

| Group No. | Industry No. |
|-----------|--------------|
|-----------|--------------|

201

MEAT PRODUCTS

2011

MEAT PACKING, WHOLESALE

Description. Establishments primarily engaged in slaughtering cattle, hogs, sheep and other animals for their own account, to be sold fresh, or to be used on the same premises as the raw material in canning, salting, smoking or otherwise curing for the trade. Packing houses which do no slaughtering but purchase fresh meat from others are included in this industry. Establishments manufacturing sausages and meat specialties from meats not produced in the same establishment are classified in industry 2013.

2012

CUSTOM SLAUGHTERING, WHOLESALE

Description. Establishments primarily engaged in slaughtering cattle, hogs, sheep and other animals on a contract basis for the trade. Hides and other by-products may be retained in partial payment for this service, and may therefore be reported as the principal products of such establishments.

2013

SAUSAGES, PREPARED MEATS, AND OTHER MEAT PRODUCTS--NOT MADE IN MEAT-PACKING ESTABLISHMENTS

Description. Establishments primarily engaged in manufacturing sausages, prepared meats, and meat specialties, but which perform no slaughtering operations on the premises. Establishments dressing and canning poultry, rabbits, and other small game are included in industry 2015.



## Major Group 20.--Food and Kindred Products (Cont'd)

| Group No. | Industry No. |
|-----------|--------------|
|-----------|--------------|

|     |                               |
|-----|-------------------------------|
| 201 | <u>MEAT PRODUCTS (Cont'd)</u> |
|-----|-------------------------------|

|      |   |
|------|---|
| 2014 | <u>SAUSAGE CASINGS--NOT MADE IN MEAT-PACKING ESTABLISHMENTS</u> |
|------|---|

Description. Establishments primarily engaged in manufacturing sausage casings from animal, artificial, or synthetic materials.

|      |  |
|------|--|
| 2015 | <u>POULTRY DRESSING AND PACKING, WHOLESALE</u> |
|------|--|

Description. Establishments primarily engaged in dressing, packing and canning poultry, rabbits, and other small game for the trade.

|     |                       |
|-----|-----------------------|
| 202 | <u>DAIRY PRODUCTS</u> |
|-----|-----------------------|

|      |                        |
|------|------------------------|
| 2021 | <u>CREAMERY BUTTER</u> |
|------|------------------------|

Description. Establishments primarily engaged in manufacturing creamery butter. Milk and cream purchasing stations and the production of butter on farms are not considered to be manufacturing industries. Establishments manufacturing process and lard butter are classified in Industry 20250.

|      |                                   |
|------|-----------------------------------|
| 2022 | <u>CHEESE, NATURAL OR PROCESS</u> |
|------|-----------------------------------|

Description. Establishments primarily engaged in manufacturing all types of natural cheese, and which may produce process cheese on the same premises. Establishments primarily engaged in manufacturing process cheese made from natural cheese not produced in the same establishment are classified in Industry 2025.

|      |                                      |
|------|--------------------------------------|
| 2023 | <u>CONDENSED AND EVAPORATED MILK</u> |
|------|--------------------------------------|

Description. Establishments primarily engaged in manufacturing condensed and evaporated milk, and related products such as dried and powdered milk and whey, and ice cream mix.

EXHIBIT "13"

UNITED STATES OF AMERICA

EXECUTIVE OFFICE OF THE PRESIDENT, BUREAU OF THE BUDGET

Harold D. Smith, Director

WAR PRODUCTION BOARD

Donald M. Nelson, Chairman

DEPARTMENT OF THE TREASURY, PROCUREMENT DIVISION

Clifton E. Mack, Director

# STANDARD COMMODITY CLASSIFICATION

VOLUME I

STANDARD CLASSIFIED  
LIST OF COMMODITIES

Technical Paper No. 26

Prepared by the Technical Committee  
on Standard Commodity Classification

(This edition supersedes all previous issues)

UNITED STATES

GOVERNMENT PRINTING OFFICE

WASHINGTON : 1943



## MAJOR GROUP 61—FOOD, MANUFACTURED

|         |   |
|---------|---|
| 61 0000 | FOOD, MANUFACTURED  |
| 61 1000 | MEAT PRODUCTS   |
| 61 1100 | Meats, Fresh, Chilled, or Frozen                            |
| 61 1110 | Beef  |
| 61 1120 | Veal  |
| 61 1130 | Mutton  |
| 61 1140 | Lamb  |
| 61 1150 | Pork  |
| 61 1160 | Horse meat  |
| 61 1180 | Liver, tongue, heart, kidney and other edible offal         |
| 61 1190 | Meats, fresh, chilled, or frozen, not elsewhere classified  |
| 61 1200 | Meat, Cured   |
| 61 1210 | Beef, corned, pickled or cured                              |
| 61 1220 | Beef, dried or dehydrated                                   |
| 61 1230 | Pork, pickled or salted, unsmoked                           |
| 61 1231 | Hams and shoulders  |
| 61 1232 | Bacon   |
| 61 1233 | Wiltshire sides   |
| 61 1239 | Pork, pickled or salted, unsmoked, not elsewhere classified |
| 61 1240 | Pork, pickled or salted, smoked                             |
| 61 1241 | Hams and shoulders  |
| 61 1242 | Bacon   |
| 61 1249 | Pork, pickled or salted, smoked, not elsewhere classified   |
| 61 1250 | Pork, dried or dehydrated                                   |
| 61 1260 | Horse meat  |
| 61 1290 | Meat, cured, not elsewhere classified                       |
| 61 1300 | Meat, Canned  |
| 61 1310 | Pork products   |
| 61 1311 | Luncheon meat   |
| 61 1312 | Ham   |
| 61 1313 | Bacon   |
| 61 1314 | Sausage   |
|         | 61 13141 Sausage in casings                                 |
|         | 61 13142 Sausage in bulk                                    |
| 61 1315 | Ham, chopped  |
| 61 1316 | Ham spread  |
| 61 1317 | Ham, spiced   |
| 61 1318 | Scrapple  |
| 61 1319 | Pork products, not elsewhere classified                     |
| 61 1320 | Beef products   |
| 61 1321 | Corned beef   |
| 61 1322 | Corned beef hash  |
| 61 1323 | Roast beef  |
| 61 1324 | Beef stew   |
| 61 1329 | Beef products, not elsewhere classified                     |
| 61 1330 | Brains  |
| 61 1340 | Corned mutton   |
| 61 1350 | Sausage, except pork  |
| 61 1360 | Meat spreads, except pork                                   |
| 61 1361 | Liver spread  |
| 61 1362 | Meat spreads, except pork and liver                         |
| 61 1370 | Meat preparations   |
| 61 1371 | Chile con carne   |
| 61 1372 | Hot tamales   |
| 61 1373 | Luncheon meat, except pork                                  |
| 61 1374 | Potted meat   |
| 61 1375 | Tongue (beef, pork, lamb)                                   |
| 61 1376 | Tripe   |

**FOOD, MANUFACTURED - Continued****MEAT PRODUCTS - Continued****Meat, Canned - Continued**

- 61 1377 Tushonka (Russian)
- 61 1379 Meat preparations, not elsewhere classified
- 61 1380 Rations
- 61 1381 Lend-Lease Ration O. O. (Beef)
- 61 1382 Lend-Lease Ration R. R. (Beef, Pork, Vegetables)
- 61 1383 Lend-Lease Ration X. X. (Pork)
- 61 1384 Ration "C" (Meat and Beans; Meat and Vegetable Hash; Meat and Vegetable Stew)
- 61 1385 Ration "K" (Ham and Egg; Pork and Veal; Corned Pork)
- 61 1389 Rations, not elsewhere classified

**Sausage, Not Canned**

- 61 1410 Fresh sausage
- 61 1420 Frankfurters, bologna, and similar cased products
- 61 1430 Dry sausage
- 61 1490 Sausage, not canned, not elsewhere classified

**Meat Preparations, Not Canned**

- 61 1510 Meat loaves
- 61 1520 Head cheese and scrapple
- 61 1590 Meat preparations, not canned, not elsewhere classified

**Poultry, Dressed; Fresh and Frozen**

- 61 1610 Chickens
- 61 1611 Fryers and broilers
- 61 1612 Roasters and stewers
- 61 1613 Fowls
- 61 1614 Cocks
- 61 1620 Turkeys
- 61 1630 Ducks
- 61 1640 Geese
- 61 1650 Guineas
- 61 1690 Poultry, dressed; fresh and frozen, not elsewhere classified

**Poultry, Prepared or Preserved, Except Frozen**

- 61 1710 Not canned
- 61 1720 Canned poultry
- 61 1721 Boned chicken
- 61 1722 Deviled or potted chicken
- 61 1723 Boned turkey
- 61 1729 Canned poultry, not elsewhere classified
- 61 1790 Poultry, prepared or preserved, except frozen, not elsewhere classified

**Venison, Reindeer, Rabbits, and Other Game****Miscellaneous Meat Products**

- 61 1910 Meat extract
- 61 1920 Meat pastes (include liver paste)
- 61 1990 Meat products, not elsewhere classified

**DAIRY PRODUCTS****Milk, Cream, and Buttermilk, Fresh (Fluid Market)**

- 61 2110 Milk, cow
- 61 2111 Whole milk
  - 61 2111100 Bulk goods
  - 61 2111200 Bottled goods
  - 61 2111220 Pasteurized
  - 61 2111221 Homogenized
  - 61 2111222 Not homogenized
  - 61 2111230 Raw
- 61 2112 Skim milk
  - 61 2112100 Bulk goods
  - 61 2112200 Bottled goods
- 61 2120 Milk, goat
  - 61 2120100 Bulk goods
  - 61 2120200 Bottled goods
- 61 2130 Cream
- 61 2131 Containing less than 30 percent butterfat
  - 61 2131100 Bulk goods
  - 61 2131110 Pasteurized



EXECUTIVE OFFICE OF THE PRESIDENT

BUREAU OF THE BUDGET

Harold D. Smith, Director

# **Standard Industrial Classification Manual**

## **VOLUME I Manufacturing Industries**

### **PART 1 Titles and Descriptions of Industries**

Prepared by

THE TECHNICAL COMMITTEE  
ON INDUSTRIAL CLASSIFICATION  
DIVISION OF STATISTICAL  
STANDARDS

November 1945

## *Foreword*

The Standard Industrial Classification Manual is intended primarily as an aid in securing uniformity and comparability in the presentation of statistical data collected by various agencies of the United States Government. State agencies, trade associations, and private research agencies.

Previous to the preparation of a standard industrial classification, the various agencies collecting industrial data used their own industrial classifications, and thus a given establishment might have been classified in one industry by one agency and in another by a second agency. The value of industrial data for purposes of analysis and information is increased by the use of a standard system for the classification and assembling of data collected by various agencies. For example, production information collected by one agency can be more readily compared with employment information collected by another if both agencies conform to the standard definition of the industry involved.

Earlier issues of this classification for both manufacturing and non-manufacturing industries were prepared by the Technical Committee on Industrial Classification, assisted by a number of special committees of experts in various fields of business. The work of the Technical Committee was formerly carried on under the general supervision of the Committee on Industrial Classification, which was sponsored in its earlier stages by the Central Statistical Board and later by the Division of Statistical Standards of the Bureau of the Budget, Executive Office of the President.

This manual presents a revision of the industrial classification for the Manufacturing Industries Division, which has been prepared by the Technical Committee on Industrial Classification and the Committee on Manufacturing Industries working under the sponsorship of the Division of Statistical Standards.

In this revision a number of changes suggested by the users of the classification and the consumers of industry data have been incorporated. Among the more important changes in the classification are (a) a rearrangement of the textile industries, (b) the establishment of a new major group for furniture and fixtures, (c) an extensive revision of the chemical industries, (d) a basic rearrangement of the metal industries so as to provide one major group for primary metal industries, (e) the inclusion of the motor vehicle industries, formerly a separate major



group, in the Major Group "Transportation Equipment", and (f) the establishment of a new major group for Professional, Scientific, and Controlling Instruments; Photographic and Optical Goods; Watches and Clocks.

In preparing the classification, the Technical Committee has been guided by the following general principles:

(1) The classification should conform to the existing structure of American industry.

(2) The reporting units to be classified are establishments,<sup>1</sup> rather than legal entities or companies.

(3) Each establishment is to be classified according to its major activity.

(4) To be recognized as an industry, each group of establishments must have significance from the standpoint of the number of establishments, number of wage earners, volume of business, employment and payroll fluctuations, and other important economic features.

The classification undertakes to cover the entire field of economic activities: Agriculture, forestry, and fisheries; mining; construction; manufacturing; wholesale and retail trade; finance, insurance, and real estate; transportation, communication, and other public utilities; and services.

Volume I, part 1 provides the title and descriptions of the manufacturing industries. Volume I, part 2 is an alphabetic index identifying the principal products or processes which would be reported by establishments, and a few special types of establishments, with the appropriate manufacturing industry code numbers. Volume II contains a similar classification for nonmanufacturing industries, with descriptions of the industries and an alphabetic index of products, establishments, and services.

In the preparation of this revision special acknowledgment is made of the contribution made by (1) Mr. Maxwell R. Conklin, Chief, Industry Division, Bureau of the Census; Mr. H. B. McCoy, Chief, Division of Industrial Economy, Bureau of Foreign and Domestic Commerce; Mr. Louis S. Ballif, Chief, Technical Services, U. S. Tariff Commission; and the commodity and industry specialists on their staffs who gave valuable advice and suggestions during the development of this revision, (2) the many chairmen and members of the committees of experts on Standard Commodity Classification who advised the Committee on Manufacturing Industries with respect to the various commodities and industries in which they had special interest, (3) The State Employment Security Agencies which submitted helpful suggestions and criticisms on tentative drafts of the revised classification, (4) the Bureau of Old Age and Survivors Insurance of the Social Security Board in lending the services of Mr. William H. Cummins to the committee for three months to write

<sup>1</sup> For definition of an establishment, see page 3.

## FOREWORD

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descriptions of industries, and (5) the Bureau of the Census, U. S. Department of Commerce, in assuming the costs of printing this publication.

In addition to the above, the committee wishes to acknowledge the very valuable assistance received from a subcommittee of the Industry Advisory Committee on Government Questionnaires consisting of Mr. Thomas M. Brennan, Executive Director, National Industrial Council; Mr. Henry P. Fowler, Manager, Trade Association Department, Chamber of Commerce of the United States; and Mr. Earl Constantine, President, National Association of Hosiery Manufacturers; who, in addition to making valuable suggestions and criticisms on the classification, arranged for the clearance of the classification with many individual manufacturers and trade associations. Finally, the committee wishes to express appreciation for the many constructive criticisms and suggestions received from Federal agencies, trade associations, trade unions, special research organizations and business executives.



**Major Group 20.—FOOD AND KINDRED PRODUCTS****THE MAJOR GROUP AS A WHOLE**

This major group includes establishments manufacturing foods and beverages for human consumption, and certain related products such as manufactured ice, chewing gum, and prepared feeds for animals and fowls.

Group Industry  
No. No.

**201 MEAT PRODUCTS****2011 Meat packing, wholesale**

Establishments primarily engaged in the slaughtering, for their own account, of cattle, hogs, sheep, lambs, calves, and other animals, for meat to be sold fresh or to be used on the same premises in canning and curing, and in making sausage, lard, and other products. Important products of this industry include fresh meat (beef, veal, mutton, lamb, and pork); cured beef and pork; canned beef, pork, and other meat goods; sausage and lard. Establishments primarily engaged in slaughtering animals on a contract basis for the trade are classified in Industry 2012; establishments manufacturing sausages and meat specialties from purchased meats in Industry 2013; and establishments killing, dressing, packing, and canning poultry, rabbits, and other small game in Industry 2015.

**2012 Custom slaughtering, wholesale**

Establishments primarily engaged in slaughtering cattle, hogs, sheep, lambs, calves, and other animals on a contract basis for the trade. Hides and other byproducts may be retained in partial payment for this service, and may be reported as the principal products of such establishments.

**2013 Sausages and other prepared meat products**

Establishments primarily engaged in manufacturing sausages, prepared meats, and meat specialties, but performing no slaughtering operations on the premises. Sausage or meat kitchens operated by packing houses as separate establishments are also included in this industry. Establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game are classified in Industry 2015.

**2014 Sausage casings**

Establishments primarily engaged in manufacturing sausage casings from animal or synthetic materials.

**2015 Poultry and small game dressing and packing, wholesale**

Establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game for the trade. Important products of this industry include dressed and packed poultry (chickens, turkeys, ducks, and geese); canned poultry (whole and parts); potted and deviled chicken; dressed rabbits and dressed hares.

**202****DAIRY PRODUCTS**

This group includes establishments primarily engaged in manufacturing creamery butter, natural cheese, condensed and evaporated milk, ice cream and ices, and special dairy products such as processed and lactic butter, processed cheese, and malted milk, but which are not engaged in the distribution of fluid milk or cream. Establishments which manufacture dairy products and are also engaged in the distribution of fluid milk or cream are classified in trade industries.

EXHIBIT "15"

United States of America

Executive Office of the President

Bureau of the Budget

STANDARD COMMODITY CLASSIFICATION

Volume I

Standard Classified  
List of Commodities

Prepared by the Technical Committee  
On Standard Commodity Classification

December 1946



MAJOR GROUP 70. — FOOD, MANUFACTURED

## 70 00 FOOD, MANUFACTURED

|       |  |
|-------|--|
| 70 10 | Meat (Including Poultry and Game), Fresh, Chilled, or Frozen   |
| 70 11 | Beef, Except Trimings  |
| 70 12 | Veal, Except Trimings  |
| 70 13 | Lamb, Except Trimings  |
| 70 14 | Mutton, Except Trimings  |
| 70 15 | Pork, Except Trimings  |
| 70 16 | Goat and Kid Meat  |
| 70 17 | Horse Meat   |
| 70 18 | Poultry  |
| 70 19 | Miscellaneous Meats, Fresh, Chilled, Or Frozen (Include Game, Meat Trimings, and Variety Items Such as Knuckles, Feet, and Organs) |
| 70 20 | Meat Products  |
| 70 21 | Cured Beef (Pickled, Corned, Smoked, or Dried)   |
| 70 22 | Cured Veal (Pickled, Corned, Smoked, or Dried)   |
| 70 23 | Cured Lamb and Mutton (Pickled, Corned, Smoked, or Dried)  |
| 70 24 | Cured Pork (Pickled, Corned, Smoked, or Dried)   |
| 70 25 | Cured Poultry (Pickled, Corned, Smoked, or Dried)  |
| 70 26 | Canned Meat and Meat Products *  |
| 70 27 | Sausage (Not Canned)   |
| 70 28 | Meat Preparations and Mixtures, Except Sausage and Soup  |
| 70 29 | Miscellaneous Meat Products  |
| 70 30 | Dairy Products   |
| 70 31 | Milk, Cream and Buttermilk, Fluid Market   |
| 70 32 | Milk and Buttermilk, Evaporated and Condensed  |
| 70 33 | Milk, Cream, and Buttermilk, Dried (For Human Consumption Only)  |
| 70 34 | Butter   |
| 70 35 | Cheese, Natural  |
| 70 36 | Cheese Products and Cheese-like Preparations   |
| 70 37 | Ice Cream and Other Frozen Desserts, Including Dairy-base Mixes  |
| 70 39 | Miscellaneous Dairy Products   |
| 70 40 | Fish and Shellfish, Prepared or Preserved  |
| 70 41 | Fresh or Frozen Fish and Fish Products   |
| 70 42 | Fresh or Frozen Shellfish and Shellfish Meats  |
| 70 43 | Dried and Unsalted Fish and Shellfish  |

\* In this Major Group, the term "Canned" means hermetically sealed in tin, glass, or other containers.

COMPARISON OF COMMODITY CLASSIFICATIONS SHOWN DURING 1949 THROUGH 1952 IN SCHEDULE B.  
 "STATISTICAL CLASSIFICATION OF DOMESTIC AND FOREIGN COMMODITIES EXPORTED  
 FROM THE UNITED STATES"

GROUP 00.—ANIMALS AND ANIMAL PRODUCTS, EDIBLE

| Commodity Description   | Ec.<br>Cl. | Unit<br>Qty. | Schedule B Commodity Number |                      |        |        |
|---|------------|--------------|-----------------------------|----------------------|--------|--------|
|   |            |              | 1952                        | 1951                 | 1950   | 1949   |
| ANIMALS, EDIBLE   |            |              |                             |                      |        |        |
| Cattle for breeding.....  | 2          | No.          | 001000                      | 001000               | 001000 | 001000 |
| Other cattle.....   | 2          | No.          | 001200                      | 001200               | 001200 | 001200 |
| Hogs (swine).....   | 2          | No.          | 001300                      | 001300               | 001300 | 001300 |
| Sheep.....  | 2          | No.          | 001600                      | 001600               | 001600 | 001600 |
|   |            |              |                             | 001900               | 001900 | 001900 |
| Baby chicks.....  | 2          | No.          | 001910                      | }                    |        |        |
| Poultry, live, n.e.c.....   | 2          | Lb.          | 001990                      |                      |        |        |
| MEAT AND MEAT PRODUCTS  |            |              |                             |                      |        |        |
| Beef and veal, except canned:   |            |              |                             |                      |        |        |
| Fresh or frozen.....  | 4          | Lb.          | 002000                      | 002000               | 002000 | 002000 |
| Pickled or cured.....   | 4          | Lb.          | 002100                      | 002100               | 002100 | 002100 |
| Horse meat (all kinds).....   | 4          | Lb.          | 002200                      | 002200               | 002200 | 002200 |
| Pork, except canned:  |            |              |                             |                      |        |        |
| Fresh or frozen.....  | 4          | Lb.          | 002700                      | 002700               | 002700 | 002700 |
| Hams and shoulders, cured or cooked.....  | 4          | Lb.          | 002800                      | 002800               | 002800 | 002800 |
| Bacon.....  | 4          | Lb.          | 002900                      | 002900               | 002900 | 002900 |
|   |            |              |                             | 003000               | 003000 | 003000 |
|   |            |              |                             | 003200               | 003200 | 003200 |
| Other pork, pickled, slated, or otherwise cured.....                                    | 4          | Lb.          | 003250                      | (004400)             |        |        |
| Lamb and mutton, except canned.....   | 4          | Lb.          | 003400                      |                      | 003400 | 003400 |
| Sausage, prepared sausage meats, bologna, and frankfurters, except canned.....          | 4          | Lb.          | 003500                      | 003500               | 003500 | 003500 |
|   |            |              |                             | 003600               | 003600 | 003600 |
| Beef and veal canned.....   | 4          | Lb.          | 003620                      | (003909)             |        |        |
|   |            |              |                             |                      | 003700 | 003700 |
| Hams and shoulders, canned.....   | 4          | Lb.          | 003710                      | }                    |        |        |
| Other pork, canned.....   | 4          | Lb.          | 003790                      |                      |        |        |
| Sausage, prepared sausage meats, bologna and frankfurters, canned.....                  | 4          | Lb.          | 003800                      | 003800               | 003800 | 003800 |
| Chicken, canned.....  | 4          | Lb.          | 003901                      | 003901               | 003901 | 003901 |
| Canned baby food, meat, or chief value meat, strained or chopped (including soups)..... | 4          | Lb.          | 003905                      | (003908)<br>(124500) | 003908 | 003908 |
| Meat and meat products, canned, n.e.c.....  | 4          | Lb.          | 003909                      |                      | 003909 | 003909 |
|   |            |              |                             | 004000               | 004000 | 004000 |
| Chickens, capons, fresh or frozen.....  | 4          | Lb.          | 004010                      | }                    |        |        |
| Other poultry and game, fresh or frozen.....  | 4          | Lb.          | 004050                      |                      |        |        |
|   |            |              |                             | 004100               | 004100 | 004100 |
|   |            |              |                             | 004300               | 004300 | 004300 |
|   |            |              | (004500)                    | }                    |        |        |
|   |            |              | (003250)                    |                      |        |        |
|   |            |              |                             | 004400               | 004400 | 004400 |
|   |            |              |                             | (004100)             |        |        |
|   |            |              |                             | (004300)             |        |        |
| Other meats, except canned.....   | 4          | Lb.          | 004500                      | 004500               | 004500 | 004500 |
| Sausage casings, natural, bladders, bungs, middles, rounds, or veasands:                |            |              |                             |                      |        |        |
| Hog.....  | 4          | Lb.          | 004600                      | 004600               | 004600 | 004600 |
| Other.....  | 4          | Lb.          | 004800                      | 004800               | 004800 | 004800 |
| Sausage casings, artificial.....  | 9          | Lb.          | 004998                      | 004998               | 004998 | 004998 |
| Oleo oil.....   | 4          | Lb.          | 005000                      | 005000               | 005000 | 005000 |
| Oleo stock.....   | 4          | Lb.          | 005100                      | 005100               | 005100 | 005100 |
| Tallow, edible.....   | 4          | Lb.          | 005200                      | 005200               | 005200 | 005200 |
| Lard (including rendered pork fat).....   | 4          | Lb.          | 005300                      | 005300               | 005300 | 005300 |
| Shortening, chief weight animal fat, except lard.....                                   | 4          | Lb.          | 005500                      | (144700)             |        |        |
| Oleo stearin.....   | 4          | Lb.          | 005600                      |                      | 005600 | 005600 |

For numbered footnotes see page 1.



[fol. 75]

## EXHIBIT 17

## Industrial Classification Code

## Part IV

## The Manufacturing Groups

## A Reference Guide

November 15, 1936.

Bureau of Research and Statistics  
 Division of Placement and Unemployment Insurance  
 Department of Labor, State of New York

[fol. 76]

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## Manufacturing

## Group 20—Food Products.

This group covers the manufacture of foods and the manufacture of by-products from food sources. Baking powder, yeast, and other leavening products are listed in this group (Group 20) rather than in Group 28 (chemical products). Also included are bottling, canning, or packaging of foods such as grains, cereals, sea-foods, fruit, and vegetables, including the manufacture and bottling of soft drinks and spiritous liquors.

The ruling on bakeries is as follows. Those employers who report "wholesale bakery" are coded as manufacturers, and are listed in Group 20; also included in this group are those who report "wholesale and retail bakery" and those who report only "bakery" and who have ten or more employees; those reporting as "retail bakery" or as "bakery" (not more specifically described) with less than ten employees are coded in Retail Food (Group 54).

The manufacture of fertilizer from the by-products of slaughter houses and other food-packing plants is included in Group 20. Fertilizers as such, when the product is of a chemical nature, are coded in the chemical group (Group 28).

In view of the many non-edible materials made from products such as cotton-seed oil, peanut oil, etc., these oils are included in Group 28 rather than in the food manufacturing group. Only the manufacture of salad oil or of vegetable cooking oil, specifically so described, is included in Group 20.

[fol. 78] Parts II and III. Whereas Parts II and III have been devised specifically for use in the routine work of coding the initial Statements or "status reports" of employers, Parts IV and V are intended to provide a background for classifying types of business not previously indexed and for breaking down the major groups into sub-classifications.



[fol. 79]

| U. S. Census No. | Product                                       |
|------------------|---|
|                  | Meal, corn and other grains                   |
| 113              | Meal, corn-oil                                |
|                  | Meal, fish                                    |
| 117              | Meal, peanut                                  |
| 123              | Meat, canned; cured; pickled; smoked; spiced  |
|                  | Meat packing                                  |
| 117              | Meat products                                 |
|                  | Meat puddings                                 |
| 116              | Middlings (by-product of flour or grain mill) |
|                  | Milk acidophilus                              |
| 111              | Milk, condensed; evaporated; powdered         |
| 117              | Milk, malted                                  |
| 111              | Milk, sugar of                                |
| 109              | Milk chocolate, plain or with nuts            |
| 116              | Milling, grain                                |
| 117              | Mincemeat                                     |
|                  | Mineral-water bottling                        |
| 130              | Molasses                                      |
| 105              | Mustard, prepared                             |
| 101              | Near beer                                     |
| 101              | Nonalcoholic beverages                        |
| 121              | Noodles                                       |
| 112              | Nuts, processed (food)                        |
|                  | Oils—See particular kind of oil               |

[fol. 80]

|     |  |
|-----|--|
| 105 | Pork and beans, canned                                       |
| 123 | Pork products  |
| 117 | Potato chips   |
| 113 | Potato starch  |
| 126 | Poultry dressing, killing, packing (for the wholesale trade) |
| 114 | Poultry feeds  |
| 109 | Powdered cocoa, sweetened; unsweetened                       |
| 111 | Powdered cream and milk                                      |
| 603 | Powders, baking  |
| 117 | Powders, dessert: prepared                                   |
| 117 | Powders, drink   |
| 115 | Powders, flavoring   |
|     | Preserved food   |
| 102 | Pretzels   |
|     | Puddings   |
|     | Raisins  |
| 121 | Ravioli  |
| 136 | Rectified liquors  |
| 131 | Refined cane sugar   |
|     | Relishes   |
|     | Rendered, fat  |
| 117 | Rice cakes   |
| 127 | Rice cleaning and polishing                                  |
|     | Rolls (bakery product)—See "Bakery products"                 |

## INDUSTRIAL CLASSIFICATION CODE

For Use in Connection With  
Federal Old-Age Benefits  
and  
Unemployment Compensation

## PART IV

## THE MANUFACTURING GROUPS

Washington, D. C.

July 1, 1937

Social Security Board

Bureau of Research and Statistics  
Bureau of Federal Old-Age Benefits  
Bureau of Unemployment Compensation

## Introduction

This volume is Part IV of the Industrial Classification Code which has been developed by the Social Security Board for use in the industrial classification of employers covered by the state unemployment compensation laws and the Federal Old-Age Benefits program.

The Code materials thus far developed are divided into five parts, as follows:

Part I. List of Major Groups.

Part II. Manufacturing Index (alphabetical list for coders).

Part III. Non-Manufacturing Index (alphabetical list for coders).

Part IV. The Manufacturing Groups.

Part V. The Non-Manufacturing Groups.

Part IV covers the manufacturing industries and indicates the scope and content of the major manufacturing groups. It is a rearrangement of the items in Part II and



attempts to present a complete, unduplicated list of products (and in some cases industries) contained in each major group.

Part IV is *NOT* to be used by coders in assigning industrial classification numbers.

[fol. 83]

Group 20.

Meat, canned; cured; pickled; smoked; spiced; frozen.

Meat packing.

Meat products.

Meat puddings.

Middling (by-product of flour or grain mill).

Milk, condensed; evaporated; powdered.

Milk, sugar of.

Milk chocolate; plain or with nuts.

Milling, grain.

Mincemeat.

Molasses.

Mustard, prepared.

"Near Beer."

Nonalcoholic beverages.

Noodles.

Oleo oil and stock.

Oleomargarine.

Olive oil.

Olives.

Orange marmalade.

Orange peel, glazed.

Oriental food.

Oysters, canned; preserved.

Pan work (candy).

Pancake syrup.

Pastrami.

Peanut butter.

Peel, fruit (glazed, etc.).

[fol. 84] Pickled food products.

Pickles.

Plum pudding.

Popcorn balls and other popcorn products.

Pork and beans, canned.

Pork products.

Potato chips.

Potato starch.

Poultry feeds.

Poultry killing, dressing, packing (for the wholesale trade).

Powdered cocoa, sweetened; unsweetened.

Powders, dessert; prepared.

Powders, drink.

Pretzels.

Puddings.

Raisins.

Ravioli.

Refining, cane sugar.

Relishes.

Rice cleaning and polishing.

Root starch.

Rye flour.

Rye malt.

Salad oils.

Salmon, canned.

Sardines, canned.

Sauces.

Sauerkraut.

(Here follow 3 photos, folios 85-87)



EXHIBIT "19"

146A

UNITED STATES DEPARTMENT OF LABOR

FRANCES PERKINS, Secretary

UNITED STATES EMPLOYMENT SERVICE

W. FRANK PERSONS, Director

# INDUSTRIAL CLASSIFICATIONS AND CODES

FOR USE IN

## PUBLIC EMPLOYMENT OFFICES

JULY 1938



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON: 1935

## SECTION I

## SUMMARY OF INDUSTRIAL GROUPS

- 01 Agriculture, Forestry, and Fishing
- 02 Extraction of Minerals
- 03 Building and Construction, Private
- 04 Building and Construction, Public
- Manufacturing Industries:
  - 05 Chemicals
  - 06 Clay, Stone, and Glass Products
  - 07 Food
  - 08 Iron and Steel and their Products, not including machinery
  - 09 Leather and its Products
  - 10 Forest Products: Lumber
  - 11 Machinery, not including transportation equipment
  - 12 Nonferrous Metals and their Products
  - 13 Paper and Allied Products
  - 14 Products of Petroleum and Coal
  - 15 Printing, Publishing, and Allied Industries
  - 16 Railroad Repair Shops
  - 17 Rubber Products
  - 18 Textiles and their Products
  - 19 Transportation Equipment: Air, Land, and Water
  - 20 Miscellaneous Manufacturing Industries
- 21 Commercial and Mechanical Services and Finance
- 22 Wholesale Distribution
- 23 Retail Distribution
- 25 Domestic and Personal Service
- 26 Hotels, Restaurants, Amusements, etc.
- 27 Governmental Service
- 28 Professional Service
- 29 Public Utilities, except transportation and communication
- 30 Transportation and Communication
- 32 Recent Students
- 33 Persons not Ordinarily Employed
- 40-42 Industrial Codes for Reporting Work Project Placements



## FOOD (0700-0799)

| U. S. E. S.<br>Code  | Social<br>Security<br>Code | U. S. E. S.<br>Code   | Social<br>Security<br>Code |
|--|----------------------------|---|----------------------------|
| 0702 Beverages, nonalcoholic<br>(Does not include tomato, cranberry,<br>and kraut juices, etc.—see 0734.)  | 90                         | 0716 Liquors, vinous  | 90                         |
| 0703 Bread and other bakery products<br>(Does not include small bakeries selling<br>at retail on the premises—see 2309.)   | 90                         | 0719 Macaroni, spaghetti, vermicelli, and<br>noodles  | 90                         |
| 0704 Butter, cheese, and milk products   | 90                         | 0720 Malt   | 90                         |
| 0706 Cereal preparations<br>(Does not include establishments princi-<br>pally engaged in milling of ordinary flour<br>and meal—see 0714, or prepared animal<br>feeds—see 0712.)  | 90                         | 0721 Meat packing—wholesale<br>Includes lard rendering, slaughter<br>houses, etc. (Does not include establish-<br>ments engaged primarily in manufacture<br>of other types of shortening—see 0727,<br>or in secondary manufacture of sausage<br>and allied products—see 0728, or marga-<br>rines—0722.) | 90                         |
| 0707 Chewing gum   | 90                         | 0722 Oleomargarine and other margarines<br>(Does not include such products made<br>in meat-packing establishments—see 0721.)  | 90                         |
| 0708 Chocolate and cocoa products<br>Includes all products of the nut of the<br>cocoa tree. (Does not include confection-<br>ery—see 0710.)  | 90                         | 0724 Poultry: killing, dressing, and pack-<br>ing—wholesale   | 90                         |
| 0710 Confectionery<br>(Does not include solid chocolate bars<br>for cooking—see 0708, or small confection-<br>ery shops selling at retail on the prem-<br>ises—see 2302.)  | 90                         | 0725 Rice cleaning and polishing  | 90                         |
| 0711 Corn sirup, corn sugar, corn oil, and<br>starches<br>Includes all starches regardless of<br>source. (Does not include corn flakes,<br>hominy, etc.—see 0706.)   | 90                         | 0726 Sausage, meat puddings, headcheese etc.<br>(Does not include such products made<br>by slaughter houses—see 0721.)  | 90                         |
| 0712 Feeds for animals and fowl (prepared)   | 90                         | 0727 Shortenings, vegetable cooking oils,<br>salad oils<br>(Does not include lard—see 0721.)  | 90                         |
| 0713 Flavoring compounds<br>Includes coloring for bakers, confec-<br>tioners, and crushed fruit.   | 90                         | 0728 Sugar<br>(Does not include corn sugar—see<br>0711.)  | 90                         |
| 0714 Flour and meal<br>(Does not include prepared animal<br>feeds—see 0712, and cereal preparations<br>and self-rising flours—see 0706.)   | 90                         | 0729 Vinegar and cider  | 90                         |
| 0715 Food preparations, n. a. c.<br>Includes meat products such as, bone-<br>less ham, peanut butter, potato chips,<br>malted milk, mince meat, prepared pud-<br>dings, ice-cream cones, gelatines, oyster-<br>shucking establishments, etc. | 90                         | 0731 Liquors, distilled   | 90                         |
| 0716 Ice cream   | 90                         | 0732 Liquors, malt  | 90                         |
| 0717 Ice, manufactured   | 90                         | 0733 Sea food, canned and preserved<br>(Does not include oyster-shucking estab-<br>lishments—see 0715.)   | 90                         |
|  |                            | 0734 Fruits and vegetables, canned and<br>dried<br>Includes canning and preserving of<br>jellies, pickles, sauces, dressings, juices,<br>etc., and other fruits and vegetables  | 90                         |
|  |                            | 0735 Baking powder, yeast, and other leaven-<br>ing compounds   | 90                         |

[fol. 88]

## EXHIBIT 20

## Excerpt 1 om "Beef, Veal and Lamb Operations"

## "MARKETING METHODS"

"Marketing of livestock is an important step in the production of beef for consumption, particularly to the producer. Marketing comprises all services which have to be performed in order to make raw products salable. With the exception of the large producer or feeder, production of livestock is in such a limited volume on most farms that selling and processing of the products cannot be performed economically at the places where the stock is raised. It is necessary that the livestock of a great many farms be assembled at one point to make economical transportation to the central market or to make marketing possible. Thus most livestock are assembled, the assembling falling into two different parts, first, the transportation to shipping point and, second, railroad shipping. Generally the central markets are the final assembling points for livestock. Transportation of livestock from the farm to shipping point, or directly to a nearby market, is performed by the farmer or feeder who has the animals for sale. In some sections the local livestock buyer or speculator buys the livestock from the producer, assembles it, and ships it to the market. In other cases a group of farmers form a cooperative shipping association, assemble at a given point, and forward their livestock on to the ultimate market. Other producers who raise enough livestock ship to market in full cars; and these are the shippers who are most generally found at the terminal markets with their stock.

"Transportation of livestock by rail takes place in specially built cars owned by the railroads. Railroads maintain special departments for handling their livestock business, with agents who are personally and intimately familiar with the livestock production in their territories. Railroads also maintain at various points along their lines of road feed yards where, as required by law, livestock may be rested and fed at least every twenty-eight hours. The twenty-eight hour law holds except for the last haul, which may be extended to thirty-six hours. Freight rates are con-



trolled by the Interstate Commerce Commission and are subject to revision from time to time. This commission has established minimum weights to insure the efficient use of livestock cars and protect carriers against loss from cars not being loaded to capacity. Overcrowding is also guarded against by railroads to avoid serious damage due to bruising and loss from animals dying in transit.

### Stock Yard Method

"Much of the livestock of this country is sold by producers at the public livestock markets, of which approximately sixty-seven are officially recognized by the United States Department of Agriculture. At these markets there are to be found all of the organizations and facilities necessary for livestock trade, such as stock yard companies, transportation companies, livestock commission firms, meat packing plants, livestock buyers, speculators, banks, and market publications. The stock yard company owns the stock yards and equipment for unloading, sheltering, and handling livestock; also feeding and water facilities. Charges are made by the stock yard company for the services rendered and for the feed furnished.

"Usually the transportation company at the market owns the switch tracks which bring the carloads of stock from the main railroad to the unloading chutes of the stock yard company.

[fol. 89] "Commission companies organize into livestock exchanges and act as the representative of the producer on the open market. Consignments of livestock are made to the various commission firms by the producers. The commission firm then acts as the seller for the owner. These commission firms are on the market every day and have certain space allotted to them by the stock yard company. Commission firms maintain salesmen who in most cases are specialists on certain classes of livestock and develop a high degree of efficiency. Of course, the owner of livestock may offer his product for sale himself; but most producers choose to sell their livestock through some commission company, a service for which a charge is made.

"The meat packer, being the buyer of livestock, maintains in the stock yards a buying organization which pur-

chases from the commission men on the open competitive market the livestock needed for the day's kill. At the big markets, beside the buyers for the local and national meat packing companies, there are also to be found order buyers, who purchase mostly for eastern packers and ship the livestock to the seaboard for slaughter. Then there are traders and speculators who buy and sell within the market, usually purchasing mixed carloads which can be sorted and made up into new loads of uniform grades. In some places there are farmers' cooperative societies which handle the sales for their members.

"Trading on the open livestock market is for cash. Stock yard banks provide facilities for transactions between commission men or producers and the meat packers, order buyers, and speculators, which enable the shipper to carry cash home with him or to obtain transfers of credit to his local bank at home.

"When livestock are unloaded from the main railroad lines into the stock yards, they are received by employees of the stock yard company who take over the responsibility at that point for the stock. The animals are then driven to the pens of the commission firm in the yards and released to the charge of the commission firm to which they are consigned. The commission man then orders the feed for the stock, feeds and waters the stock, and then offers them for sale. The customary practice is for only one buyer at a time to negotiate with the salesman for the commission man. The deal is usually completed by word of mouth or by a nod of the head, no written contract being prepared. This greatly facilitates trading. Bidding is done by the buyer on the 100 pounds live weight basis.

"Immediately after purchase by the packer or other buyer the stock is driven to the scale houses operated by the stock yard company and weighed (Figure 2). Meat packers have a man at the scales to check weights. The weight ticket has one original and three copies. The stock yard company keeps the original, the commission firm receives one copy, the shipper, one and the buyer, one. These tickets are stamped with the weight, number of head and the names of the commission firm, buyer and weight master.

"Outside the scale there is a counter-off who counts the



cattle as they come off the scale. He is also employed by the stock yard company, which has men to yard the cattle. When the cattle are yarded, the counter-off gives the buyer a receipt showing how many cattle are yarded in a certain pen, under lock and key.

[fol. 90] "After the stock have been yarded, the responsibility of the commission man ends and the livestock are the property of the packer. All packers have drivers to drive the cattle to the meat packing plant. The driver gets the yardage ticket and gives it to the keyman at the scale house, who delivers the cattle to the representative of the meat packer and counts the cattle out to make sure that they correspond with the number on the yardage ticket. The meat packer drives them to his own pens, where he can keep them until he is ready to slaughter or transport them out of the market.

### Direct Marketing

"There are some packers who have their own buyers in the country. These buyers deal directly with the farmer and then arrange all the details of shipment to the meat packing plant. Such meat packers also buy considerable stock by telephone to the farmers and in some cases, they even maintain their own private stock yards and arrange for cattle to be shipped direct to these yards. Cattle and sheep are often bought by the meat packer and held at his own yards where they are fed to greater weights and a higher finish than they carried on arrival. Feeding of cattle and sheep by the meat packer is usually done to provide the finish and quality needed to supply his trade at times when such quality and finish cannot be had direct from the grower.

"Direct buying is common practice in sections where the meat packer is not located in a central market but instead is located in a livestock producing area. Much of the livestock sold direct to the packer is shipped to him in trucks."

Table 16.--Livestock: Federally inspected slaughter, by months and seasons, and total slaughter, yearly, in the United States, 1935-51

## CATTLE

| Year         | Federally inspected slaughter 2/ |        |        |        |        |        |        |        |        |        |        |        | Total 3/      |               |                |               |               |
|--------------|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|---------------|----------------|---------------|---------------|
|              | Jan.                             | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   | Jan.-<br>Mar. | Apr.-<br>June | July-<br>Sept. | Oct.-<br>Dec. | Jan.-<br>Dec. |
|              | Thous.                           | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous.        | Thous.        | Thous.         | Thous.        | Thous.        |
| 1935 1/4/... | 814                              | 641    | 686    | 684    | 735    | 669    | 745    | 875    | 886    | 1,083  | 956    | 592    | 2,141         | 2,088         | 2,506          | 2,931         | 9,666         |
| 1936 1/4/... | 906                              | 742    | 763    | 812    | 786    | 853    | 928    | 1,012  | 1,071  | 1,124  | 988    | 987    | 2,411         | 2,451         | 3,011          | 3,099         | 10,972        |
| 1937.....    | 867                              | 708    | 825    | 802    | 745    | 840    | 790    | 880    | 939    | 958    | 856    | 859    | 2,400         | 2,387         | 2,609          | 2,673         | 10,070        |
| 1938.....    | 839                              | 716    | 809    | 749    | 772    | 816    | 820    | 848    | 917    | 884    | 858    | 758    | 2,355         | 2,337         | 2,585          | 2,580         | 9,776         |
| 1939.....    | 861                              | 653    | 774    | 677    | 814    | 778    | 782    | 823    | 880    | 893    | 837    | 773    | 2,188         | 2,269         | 2,485          | 2,503         | 9,446         |
| 1940.....    | 827                              | 715    | 721    | 774    | 796    | 738    | 822    | 842    | 812    | 969    | 884    | 858    | 2,263         | 2,308         | 2,476          | 2,710         | 9,756         |
| 1941.....    | 891                              | 717    | 766    | 792    | 908    | 867    | 968    | 968    | 1,004  | 1,119  | 941    | 1,004  | 2,375         | 2,567         | 2,940          | 3,064         | 10,946        |
| 1942.....    | 1,057                            | 891    | 929    | 956    | 885    | 1,039  | 1,048  | 1,103  | 1,159  | 1,280  | 1,018  | 982    | 2,877         | 2,881         | 3,309          | 3,280         | 12,347        |
| 1943.....    | 928                              | 854    | 923    | 796    | 774    | 708    | 845    | 988    | 1,146  | 1,275  | 1,290  | 1,201  | 2,704         | 2,279         | 2,979          | 3,765         | 11,727        |
| 1944.....    | 1,141                            | 1,043  | 1,057  | 939    | 989    | 1,003  | 1,079  | 1,339  | 1,310  | 1,451  | 1,336  | 1,275  | 3,241         | 2,931         | 3,728          | 4,062         | 13,950        |
| 1945.....    | 1,284                            | 1,149  | 1,213  | 979    | 1,045  | 1,060  | 1,050  | 1,292  | 1,358  | 1,584  | 1,408  | 1,118  | 3,946         | 3,064         | 3,700          | 4,110         | 14,538        |
| 1946.....    | 1,012                            | 1,015  | 904    | 715    | 676    | 451    | 1,239  | 1,240  | 360    | 1,103  | 1,348  | 1,352  | 2,931         | 1,842         | 2,839          | 3,803         | 11,413        |
| 1947.....    | 1,403                            | 1,143  | 1,228  | 1,203  | 1,264  | 1,207  | 1,274  | 1,217  | 1,407  | 1,497  | 1,337  | 1,346  | 3,774         | 3,674         | 3,898          | 4,180         | 15,524        |
| 1948.....    | 1,312                            | 977    | 986    | 899    | 877    | 1,109  | 1,046  | 1,086  | 1,178  | 1,176  | 1,151  | 1,197  | 3,275         | 2,885         | 3,310          | 3,524         | 12,994        |
| 1949.....    | 1,126                            | 994    | 1,102  | 996    | 1,025  | 1,095  | 1,090  | 1,232  | 1,224  | 1,156  | 1,116  | 1,064  | 3,222         | 3,116         | 3,946          | 3,336         | 13,222        |
| 1950.....    | 1,103                            | 939    | 1,082  | 959    | 1,075  | 1,066  | 1,070  | 1,184  | 1,196  | 1,169  | 1,151  | 1,110  | 3,124         | 3,100         | 3,450          | 3,430         | 13,103        |
| 1951.....    | 1,160                            | 887    | 965    | 894    | 986    | 787    | 920    | 1,064  | 956    | 1,140  | 1,122  | 998    | 3,012         | 2,667         | 2,940          | 3,260         | 11,879        |

## CALVES

| Year         | Federally inspected slaughter 2/ |        |        |        |        |        |        |        |        |        |        |        | Total 3/      |               |                |               |               |
|--------------|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|---------------|----------------|---------------|---------------|
|              | Jan.                             | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   | Jan.-<br>Mar. | Apr.-<br>June | July-<br>Sept. | Oct.-<br>Dec. | Jan.-<br>Dec. |
|              | Thous.                           | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous.        | Thous.        | Thous.         | Thous.        | Thous.        |
| 1935 1/4/... | 476                              | 387    | 471    | 512    | 508    | 439    | 464    | 472    | 458    | 531    | 480    | 481    | 1,334         | 1,459         | 1,394          | 1,492         | 2,793         |
| 1936 1/4/... | 465                              | 405    | 483    | 525    | 503    | 517    | 523    | 541    | 553    | 585    | 477    | 494    | 1,353         | 1,544         | 1,617          | 1,556         | 2,897         |
| 1937.....    | 484                              | 437    | 592    | 588    | 561    | 579    | 520    | 538    | 537    | 525    | 468    | 452    | 1,513         | 1,728         | 1,595          | 1,445         | 3,241         |
| 1938.....    | 420                              | 398    | 506    | 502    | 500    | 475    | 436    | 457    | 453    | 470    | 457    | 417    | 1,324         | 1,477         | 1,346          | 1,344         | 2,801         |
| 1939.....    | 415                              | 385    | 478    | 457    | 509    | 448    | 417    | 414    | 427    | 482    | 450    | 381    | 1,278         | 1,414         | 1,258          | 1,313         | 2,692         |
| 1940.....    | 416                              | 378    | 440    | 480    | 501    | 437    | 457    | 432    | 412    | 507    | 462    | 437    | 1,234         | 1,418         | 1,301          | 1,406         | 2,652         |
| 1941.....    | 411                              | 384    | 444    | 507    | 501    | 440    | 445    | 414    | 447    | 536    | 476    | 457    | 1,239         | 1,448         | 1,306          | 1,468         | 2,687         |
| 1942.....    | 440                              | 392    | 491    | 502    | 471    | 475    | 461    | 460    | 513    | 578    | 501    | 476    | 1,323         | 1,448         | 1,434          | 1,555         | 2,770         |
| 1943.....    | 340                              | 331    | 410    | 365    | 328    | 327    | 335    | 434    | 532    | 655    | 625    | 529    | 1,081         | 1,019         | 1,301          | 1,808         | 2,100         |
| 1944.....    | 468                              | 441    | 565    | 555    | 541    | 594    | 634    | 756    | 753    | 920    | 874    | 669    | 1,474         | 1,690         | 2,143          | 2,463         | 3,164         |
| 1945.....    | 560                              | 442    | 575    | 477    | 522    | 486    | 482    | 603    | 666    | 877    | 783    | 548    | 1,577         | 1,485         | 1,751          | 2,208         | 3,062         |
| 1946.....    | 440                              | 427    | 484    | 445    | 402    | 306    | 542    | 534    | 364    | 651    | 656    | 591    | 1,351         | 1,153         | 1,440          | 1,898         | 2,504         |
| 1947.....    | 591                              | 521    | 644    | 678    | 627    | 621    | 656    | 628    | 719    | 813    | 762    | 673    | 1,756         | 1,926         | 2,073          | 2,248         | 3,682         |
| 1948.....    | 586                              | 511    | 566    | 550    | 509    | 620    | 577    | 569    | 599    | 633    | 614    | 572    | 1,663         | 1,679         | 1,745          | 1,819         | 3,342         |
| 1949.....    | 484                              | 476    | 619    | 562    | 510    | 533    | 501    | 549    | 552    | 568    | 585    | 511    | 1,579         | 1,605         | 1,602          | 1,664         | 3,184         |
| 1950.....    | 465                              | 443    | 586    | 494    | 496    | 485    | 443    | 484    | 488    | 515    | 505    | 445    | 1,494         | 1,475         | 1,415          | 1,465         | 2,969         |
| 1951.....    | 433                              | 374    | 447    | 406    | 414    | 406    | 408    | 422    | 373    | 500    | 457    | 344    | 1,254         | 1,226         | 1,203          | 1,301         | 2,480         |

See footnotes at end of table.



Table 16.—Livestock: Federally inspected slaughter, by months and seasons, and total slaughter, yearly, in the United States, 1935-51<sup>1/</sup> - Continued

## HOGS

| Year     | Calendar year basis              |        |        |        |        |        |        |        |        |        |        |        |               | Crop<br>year<br>beginning<br>Oct. 1 | Season        |               |               |                |                              | Total<br>slaughter |                                |               |
|----------|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|-------------------------------------|---------------|---------------|---------------|----------------|------------------------------|--------------------|--------------------------------|---------------|
|          | Federally inspected slaughter 2/ |        |        |        |        |        |        |        |        |        |        |        |               |                                     | Oct.-<br>Dec. | Jan.-<br>Mar. | Apr.-<br>June | July-<br>Sept. | May-<br>Sept.<br>pig<br>crop |                    | Oct.-<br>Sept.<br>crop<br>year | Jan.-<br>Dec. |
|          | Jan.                             | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   | Jan.-<br>Dec. |                                     |               |               |               |                |                              |                    |                                |               |
|          | Thous.                           | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous.        |                                     | Thous.        | Thous.        | Thous.        | Thous.         | Thous.                       |                    | Thous.                         |               |
| 1935.... | 3,048                            | 2,409  | 2,158  | 2,178  | 2,172  | 1,828  | 1,712  | 1,668  | 1,453  | 2,135  | 2,422  | 2,875  | 26,057        | 1934-35...                          | 12,054        | 7,615         | 21,847        | 6,178          | 4,833                        | 8,833              | 30,680                         | 46,011        |
| 1936.... | 3,428                            | 2,319  | 2,617  | 2,559  | 2,579  | 2,739  | 2,692  | 2,254  | 2,403  | 3,492  | 4,292  | 4,681  | 36,055        | 1935-36...                          | 7,432         | 8,364         | 18,355        | 7,877          | 7,349                        | 12,667             | 31,022                         | 58,730        |
| 1937.... | 3,519                            | 2,842  | 3,033  | 2,810  | 2,099  | 2,110  | 1,843  | 1,590  | 2,033  | 2,711  | 3,295  | 3,958  | 31,642        | 1936-37...                          | 12,465        | 9,394         | 24,669        | 7,019          | 5,266                        | 9,475              | 34,144                         | 53,715        |
| 1938.... | 4,201                            | 2,833  | 2,610  | 2,462  | 2,585  | 2,533  | 2,254  | 2,467  | 2,671  | 3,311  | 3,913  | 4,346  | 35,186        | 1937-38...                          | 9,964         | 9,644         | 22,070        | 7,580          | 7,392                        | 12,510             | 34,580                         | 58,927        |
| 1939.... | 4,043                            | 2,890  | 3,229  | 2,931  | 3,416  | 3,185  | 2,778  | 2,792  | 2,885  | 3,545  | 4,437  | 5,236  | 41,368        | 1938-39...                          | 11,570        | 10,162        | 24,663        | 9,532          | 8,455                        | 15,056             | 39,719                         | 66,561        |
| 1940.... | 5,356                            | 4,277  | 3,981  | 3,610  | 3,890  | 3,886  | 3,219  | 3,045  | 3,168  | 4,483  | 5,419  | 6,063  | 50,398        | 1939-40...                          | 13,218        | 13,614        | 30,442        | 11,386         | 9,432                        | 17,208             | 47,650                         | 77,610        |
| 1941.... | 4,517                            | 3,725  | 3,904  | 3,807  | 4,023  | 3,336  | 3,006  | 2,796  | 2,920  | 4,157  | 4,561  | 5,767  | 46,520        | 1940-41...                          | 15,965        | 12,147        | 31,919        | 11,166         | 8,722                        | 16,081             | 48,000                         | 71,397        |
| 1942.... | 5,831                            | 3,892  | 4,134  | 4,196  | 4,320  | 4,554  | 3,886  | 3,223  | 3,843  | 4,218  | 5,023  | 6,778  | 53,897        | 1941-42...                          | 14,485        | 13,857        | 32,538        | 13,070         | 10,951                       | 19,825             | 52,363                         | 78,547        |
| 1943.... | 5,431                            | 4,335  | 4,661  | 4,463  | 5,357  | 5,650  | 5,427  | 4,464  | 4,174  | 4,930  | 6,972  | 7,567  | 63,431        | 1942-43...                          | 16,019        | 14,427        | 34,909        | 15,470         | 14,065                       | 25,073             | 59,981                         | 95,226        |
| 1944.... | 7,839                            | 7,380  | 7,165  | 6,290  | 6,643  | 6,095  | 4,795  | 4,145  | 3,521  | 4,223  | 5,258  | 5,663  | 69,017        | 1943-44...                          | 19,469        | 22,384        | 48,143        | 19,028         | 12,461                       | 25,199             | 73,342                         | 98,068        |
| 1945.... | 5,299                            | 3,267  | 3,474  | 3,066  | 3,375  | 3,382  | 2,752  | 2,206  | 1,922  | 2,330  | 4,350  | 5,537  | 40,960        | 1944-45...                          | 15,144        | 12,040        | 30,250        | 9,823          | 6,880                        | 13,637             | 43,887                         | 71,891        |
| 1946.... | 4,911                            | 4,698  | 3,636  | 3,859  | 4,149  | 2,316  | 3,863  | 2,843  | 438    | 3,114  | 5,434  | 5,133  | 44,394        | 1945-46...                          | 12,217        | 13,245        | 29,320        | 10,323         | 7,144                        | 13,609             | 42,929                         | 76,115        |
| 1947.... | 5,844                            | 3,897  | 3,406  | 3,616  | 3,831  | 3,653  | 3,455  | 2,731  | 2,948  | 3,978  | 5,501  | 5,254  | 49,116        | 1946-47...                          | 13,681        | 13,147        | 30,444        | 11,100         | 9,134                        | 16,618             | 47,062                         | 74,001        |
| 1948.... | 5,223                            | 3,746  | 3,574  | 3,343  | 3,562  | 4,235  | 3,044  | 2,440  | 2,836  | 4,098  | 5,425  | 6,089  | 47,615        | 1947-48...                          | 15,733        | 12,543        | 31,619        | 11,140         | 8,330                        | 16,117             | 47,736                         | 70,869        |
| 1949.... | 5,377                            | 4,080  | 4,315  | 3,894  | 3,721  | 3,745  | 3,165  | 3,417  | 3,879  | 4,959  | 6,003  | 6,477  | 53,032        | 1948-49...                          | 15,612        | 13,772        | 33,278        | 11,360         | 10,461                       | 17,927             | 51,205                         | 74,997        |
| 1950.... | 5,844                            | 4,191  | 5,020  | 4,316  | 4,338  | 4,154  | 3,314  | 3,626  | 4,137  | 5,102  | 6,144  | 6,777  | 56,964        | 1949-50...                          | 17,439        | 15,055        | 36,810        | 12,808         | 11,077                       | 19,569             | 56,379                         | 79,263        |
| 1951.... | 6,584                            | 4,159  | 5,117  | 4,989  | 4,952  | 4,700  | 3,826  | 4,236  | 4,398  | 5,651  | 6,531  | 6,912  | 62,054        | 1950-51...                          | 18,023        | 15,860        | 38,872        | 14,641         | 12,460                       | 22,112             | 60,984                         | 85,581        |

## SHEEP AND LAMBS

| Year     | Federally inspected slaughter <sup>2/</sup> |        |        |        |        |        |        |        |        |        |        |        |       |                                    |              |               |                              |               |       | Total<br>slaughter |        |
|----------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------------------------------------|--------------|---------------|------------------------------|---------------|-------|--------------------|--------|
|          | Calendar year basis                         |        |        |        |        |        |        |        |        |        |        |        |       | Crop<br>year<br>beginning<br>May 1 | May-<br>Nov. | Dec.-<br>Apr. | Crop<br>year<br>May-<br>Apr. | Jan.-<br>Dec. |       |                    |        |
|          | Jan.  | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   |       |                                    |              |               |                              |               |       |                    |        |
|          | Thous.                                      | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. | Thous. |       |                                    |              |               |                              |               |       |                    |        |
| 1935.... | 1,345                                       | 1,137  | 1,374  | 1,483  | 1,584  | 1,421  | 1,546  | 1,655  | 1,549  | 1,765  | 1,407  | 1,369  | 5,339 | 6,216                              | 6,090        | 17,644        | 1934-35....                  | 9,788         | 6,634 | 16,422             | 22,000 |
| 1936.... | 1,540                                       | 1,314  | 1,374  | 1,267  | 1,213  | 1,309  | 1,352  | 1,395  | 1,593  | 1,742  | 1,514  | 1,573  | 5,495 | 5,269                              | 6,452        | 17,216        | 1935-36....                  | 10,936        | 6,864 | 17,800             | 21,555 |
| 1937.... | 1,700                                       | 1,315  | 1,312  | 1,334  | 1,371  | 1,425  | 1,390  | 1,498  | 1,671  | 1,530  | 1,321  | 1,403  | 5,561 | 5,684                              | 5,925        | 17,270        | 1936-37....                  | 10,148        | 7,234 | 17,382             | 21,455 |
| 1938.... | 1,552                                       | 1,424  | 1,428  | 1,425  | 1,550  | 1,485  | 1,461  | 1,603  | 1,694  | 1,638  | 1,453  | 1,347  | 5,829 | 6,099                              | 6,132        | 18,060        | 1937-38....                  | 10,206        | 7,232 | 17,438             | 22,423 |
| 1939.... | 1,456                                       | 1,361  | 1,473  | 1,224  | 1,392  | 1,401  | 1,399  | 1,457  | 1,635  | 1,585  | 1,469  | 1,389  | 5,514 | 5,649                              | 6,077        | 17,241        | 1938-39....                  | 10,884        | 6,861 | 17,745             | 21,614 |
| 1940.... | 1,598                                       | 1,313  | 1,266  | 1,355  | 1,420  | 1,378  | 1,448  | 1,489  | 1,473  | 1,734  | 1,462  | 1,416  | 5,532 | 5,735                              | 6,085        | 17,351        | 1939-40....                  | 10,338        | 6,921 | 17,259             | 21,571 |
| 1941.... | 1,625                                       | 1,391  | 1,408  | 1,436  | 1,551  | 1,378  | 1,569  | 1,522  | 1,567  | 1,682  | 1,424  | 1,571  | 5,860 | 6,020                              | 6,244        | 18,125        | 1940-41....                  | 10,404        | 7,276 | 17,680             | 22,309 |
| 1942.... | 1,611                                       | 1,407  | 1,669  | 1,570  | 1,475  | 1,481  | 1,705  | 1,840  | 2,223  | 2,344  | 2,126  | 2,175  | 6,256 | 6,501                              | 8,867        | 21,625        | 1941-42....                  | 10,594        | 7,827 | 18,520             | 25,585 |
| 1943.... | 1,724                                       | 1,499  | 1,495  | 1,458  | 1,622  | 1,594  | 1,988  | 2,269  | 2,454  | 2,633  | 2,370  | 2,258  | 6,176 | 7,472                              | 9,715        | 23,363        | 1942-43....                  | 13,194        | 8,351 | 21,545             | 27,073 |
| 1944.... | 1,933                                       | 1,501  | 1,538  | 1,378  | 1,644  | 1,823  | 1,898  | 1,924  | 2,003  | 2,238  | 2,013  | 1,934  | 6,350 | 7,339                              | 8,188        | 21,876        | 1943-44....                  | 14,929        | 8,608 | 23,537             | 25,355 |
| 1945.... | 2,073                                       | 1,622  | 1,723  | 1,507  | 1,824  | 1,906  | 1,742  | 1,568  | 1,658  | 2,018  | 1,772  | 1,806  | 6,925 | 7,040                              | 7,254        | 21,220        | 1944-45....                  | 13,593        | 8,859 | 22,452             | 24,639 |
| 1946.... | 1,440                                       | 2,196  | 1,978  | 1,736  | 1,374  | 1,666  | 1,738  | 1,578  | 1,300  | 2,005  | 1,529  | 1,346  | 7,350 | 6,356                              | 6,180        | 19,885        | 1945-46....                  | 12,488        | 9,156 | 21,644             | 22,788 |
| 1947.... | 1,542                                       | 1,271  | 1,237  | 1,322  | 1,355  | 1,329  | 1,280  | 1,253  | 1,458  | 1,697  | 1,471  | 1,451  | 5,372 | 5,217                              | 6,077        | 16,667        | 1946-47....                  | 11,190        | 6,718 | 17,908             | 18,706 |
| 1948.... | 1,347                                       | 1,209  | 1,175  | 1,045  | 978    | 1,262  | 1,195  | 1,264  | 1,424  | 1,632  | 1,444  | 1,329  | 4,776 | 4,599                              | 5,869        | 15,343        | 1947-48....                  | 9,843         | 6,227 | 16,070             | 17,371 |
| 1949.... | 1,235                                       | 1,046  | 949    | 676    | 761    | 898    | 976    | 1,126  | 1,180  | 1,172  | 1,060  | 1,058  | 3,906 | 3,761                              | 4,470        | 12,136        | 1948-49....                  | 9,239         | 5,235 | 14,474             | 13,780 |
| 1950.... | 1,077                                       | 563    | 939    | 834    | 941    | 1,019  | 960    | 1,776  | 1,063  | 1,081  | 969    | 918    | 3,713 | 3,996                              | 4,031        | 21,739        | 1949-50....                  | 7,173         | 4,771 | 11,944             | 13,244 |
| 1951.... | 1,058                                       | 740    | 738    | 657    | 657    | 811    | 863    | 889    | 827    | 1,064  | 922    | 810    | 3,193 | 3,220                              | 3,643        | 10,056        | 1950-51....                  | 7,109         | 4,111 | 11,220             | 11,418 |

<sup>1/</sup> Data prior to 1935 can be found in earlier editions of this publication.<sup>2/</sup> Rounded figures added for all totals except calendar year. Excludes slaughter in Hawaii and Virgin Islands beginning January 1947.<sup>3/</sup> Total slaughter estimated by the Bureau of Agricultural Economics, includes inspected, noninspected, retail, and farm slaughter. Excludes slaughter in Hawaii and Virgin Islands beginning January 1940.<sup>4/</sup> Excludes cattle and calves purchased for slaughter for Federal Surplus Relief Corporation from June 1934 to February 1935, and August and September 1936.

Compiled from Bureau of Animal Industry reports.



## EXHIBIT "22"

 UNITED STATES DEPARTMENT OF AGRICULTURE  
 BUREAU OF AGRICULTURAL ECONOMICS  
 WASHINGTON, D. C.

 LIVESTOCK SLAUGHTER - MEAT AND LARD PRODUCTION  
 1950 and 1951

United States meat production in 1951 totaled 21.9 billion pounds less than the 23.1 billion pounds produced in 1950, according to the Bureau of Agricultural Economics. The 1951 total meat output (commercial slaughter plus farm slaughter) was 13 percent below the record high production of 25.2 billion pounds of meat in 1944. Beef production, at 8.8 billion pounds, was down 7 percent from 1950 and was over 40 percent of the total meat output. Veal production, at 1.1 billion pounds, was down 14 percent and was the smallest since 1941. Of the total meat produced, veal accounted for 5 percent. Production of pork, at 11.5 billion pounds, was 7 percent above 1950. Nearly 53 percent of the total meat production was pork. Mutton and lamb production totaled 522 million pounds, 13 percent less than the 597 million pounds in 1950 and slightly more than 2 percent of the total meat supply. Lard production at 2.9 billion pounds was 233 million pounds above the 1950 production.

The number of cattle slaughtered in 1951 was 8 percent less than in 1950. Slaughter of cattle under Federal inspection was down 10 percent and other wholesale and retail slaughter was down 6 percent, while farm slaughter remained about the same. A reduction of 15 percent occurred in the number of calves slaughtered compared with 1950; with slaughter under Federal inspection down 15 percent, other wholesale and retail slaughter off 17 percent and farm slaughter off 7 percent. All classes of slaughter showed decreases in the number of sheep and lamb slaughtered. Compared with 1950, slaughter of sheep and lambs under Federal inspection was down 14 percent, other wholesale and retail slaughter was down 8 percent and farm slaughter was down 13 percent. (Continued over)

## UNITED STATES LIVESTOCK SLAUGHTER, 1950-51

| Species and class<br>of slaughter | 1950   |        |          | 1951   |        |          |
|-----------------------------------|--------|--------|----------|--------|--------|----------|
|                                   | Head   | Av.    | Total    | Head   | Av.    | Total    |
|                                   |        | live   | live     |        | live   | live     |
|                                   |        | weight | weight   |        | weight | weight   |
|                                   | Thous. | Lb.    | Mil. lb. | Thous. | Lb.    | Mil. lb. |
| <b>CATTLE</b>                     |        |        |          |        |        |          |
| Federally inspected               | 13,103 | 989    | 12,960   | 11,879 | 992    | 11,786   |
| Other wholesale and retail        | 4,798  | 864    | 4,147    | 4,497  | 885    | 3,973    |
| Farm                              | 723    | 787    | 569      | 724    | 726    | 576      |
| Total                             | 18,624 | 949    | 17,676   | 17,100 | 955    | 16,335   |
| <b>CALVES</b>                     |        |        |          |        |        |          |
| Federally inspected               | 5,850  | 306    | 1,205    | 4,985  | 209    | 1,043    |
| Other wholesale and retail        | 4,123  | 305    | 847      | 3,433  | 303    | 697      |
| Farm                              | 531    | 306    | 162      | 495    | 314    | 155      |
| Total                             | 10,504 | 311    | 2,214    | 8,913  | 313    | 1,895    |
| <b>SHEEP AND LAMBS</b>            |        |        |          |        |        |          |
| Federally inspected               | 11,739 | 96     | 1,128    | 10,056 | 98     | 989      |
| Other wholesale and retail        | 1,113  | 89     | 99       | 1,019  | 89     | 91       |
| Farm                              | 392    | 87     | 34       | 343    | 85     | 29       |
| Total                             | 13,244 | 95     | 1,261    | 11,418 | 97     | 1,109    |
| <b>HOGS</b>                       |        |        |          |        |        |          |
| Federally inspected               | 56,964 | 244    | 13,921   | 63,054 | 246    | 15,250   |
| Other wholesale and retail        | 12,579 | 19     | 2,749    | 14,007 | 18     | 3,047    |
| Farm                              | 2,720  | 239    | 2,326    | 9,520  | 238    | 2,267    |
| Total                             | 72,263 | 240    | 18,996   | 86,581 | 240    | 20,564   |

See other side for meat production estimates.



# 134 UNITED STATES MEAT PRODUCTION, 1950-1951

| Kind of meat and<br>class of slaughter | 1950      |           | 1951      |           |
|--|-----------|-----------|-----------|-----------|
|  | Av.       | Total     | Av.       | Total     |
|  | dressed   | dressed   | dressed   | dressed   |
|  | weight 1/ | weight    | weight 1/ | weight    |
|  | Lb.       | Mill. lb. | Lb.       | Mill. lb. |
| <b>BEEF</b>                            |           |           |           |           |
| Federally inspected                    | 541       | 7,051     | 544       | 8,431     |
| Other wholesale and retail             | 458       | 2,197     | 471       | 2,118     |
| Farm                                   | 401       | 290       | 406       | 294       |
| Total                                  | 512       | 9,538     | 517       | 8,843     |
| <b>VEAL</b>                            |           |           |           |           |
| Federally inspected                    | 115       | 667       | 118       | 583       |
| Other wholesale and retail             | 114       | 470       | 113       | 389       |
| Farm                                   | 176       | 93        | 180       | 89        |
| Total                                  | 217       | 1,230     | 219       | 1,061     |
| <b>LAMB AND MUTTON</b>                 |           |           |           |           |
| Federally inspected                    | 46        | 534       | 47        | 465       |
| Other wholesale and retail             | 42        | 47        | 42        | 43        |
| Farm                                   | 40        | 16        | 39        | 14        |
| Total                                  | 45        | 597       | 46        | 522       |
| <b>PORK (excluding lard)</b>           |           |           |           |           |
| Federally inspected                    | 185 137   | 7,788     | 185 136   | 8,407     |
| Other wholesale and retail             | 128       | 1,609     | 127       | 1,783     |
| Farm                                   | 135       | 1,317     | 136       | 1,293     |
| Total                                  | 135       | 10,714    | 134       | 11,483    |
| TOTAL MEAT                             |           | 22,079    |           | 21,909    |

## UNITED STATES LARD PRODUCTION, 1950-1951

| Class of slaughter         | 1950           |                | 1951           |            |
|----------------------------|----------------|----------------|----------------|------------|
|                            | Lard per       | Lard           | Lard per       | Lard       |
|                            | 100 pounds     | production     | 100 pounds     | production |
|                            | live weight 1/ | live weight 1/ | live weight 1/ | production |
|                            | Lb.            | Mill. lb.      | Lb.            | Mill. lb.  |
| <b>LARD 2/</b>             |                |                |                |            |
| Federally inspected        | 14.5           | 2,009          | 14.6           | 2,225      |
| Other wholesale and retail | 11.2           | 309            | 11.2           | 342        |
| Farm                       | 13.4           | 313            | 13.1           | 297        |
| Total                      | 13.9           | 2,631          | 13.9           | 2,864      |

1/ Excludes animals condemned under Federal inspection. For pork, the average is pork production per head excluding lard.

2/ Includes rendered pork fat.

Hog slaughter was up 8 percent from 1950. Slaughter under Federal inspection increased 9 percent and other wholesale and retail slaughter was 11 percent higher; but farm slaughter showed a 2 percent drop, reaching a new record low. All species but hogs were slaughtered at heavier weights in 1951 than in 1950. The average live weight of cattle slaughtered was 6 pounds heavier than in 1950, while calves and sheep and lambs each averaged 2 pounds heavier. The average live weight of hogs was the same for both years. The lard yield per hundred pounds live weight at 13.9 also was unchanged.

EXHIBIT "23"

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF AGRICULTURAL ECONOMICS  
WASHINGTON, D. C.

May 6, 1953

LIVESTOCK SLAUGHTER - MEAT AND LARD PRODUCTION  
1951 - 1952

Meat production in the United States totaled 23.0 billion pounds in 1952 according to the Bureau of Agricultural Economics. This is 5 percent more than the 21.9 billion pounds produced in 1951. The 1952 output (commercial slaughter plus farm slaughter) was the fifth largest on record. The record high production was in 1944, totaling 25.2 billion pounds. Beef production last year, at 9.7 billion pounds, was 9 percent larger than in 1951. Veal production, at 1.2 billion pounds was 11 percent higher than the 1.1 billion pounds produced a year earlier. Mutton and lamb production totaled 648 million pounds, up 24 percent from a year earlier, while hog production, at 11.5 billion pounds, was about the same as in 1951. Hogs were the leading contributor to total meat production in 1952, furnishing 50 percent of the total. Beef represented 42 percent of the total, veal 5 percent, and mutton and lamb 3 percent. Lard production, at 2.9 billion pounds, was 22 million pounds above the 1951 production.

The number of cattle slaughtered in 1952 was 9 percent larger than in 1951. Slaughter of cattle under Federal inspection was up 11 percent; other wholesale and retail slaughter was up 4 percent; and farm slaughter was up 12 percent. The number of calves slaughtered was up 6 percent compared with 1951. Slaughter of calves under Federal inspection was up 6 percent, other wholesale and retail slaughter up 5 percent and farm slaughter up 4 percent. Compared with 1951, the number of sheep and lambs slaughtered was up 25 percent. Federal inspected slaughter of sheep and lambs was up 26 percent; other wholesale and retail slaughter was up 24 percent, while farm slaughter was about the same as a year earlier. (Continued over)

UNITED STATES LIVESTOCK SLAUGHTER, 1951-1952

| Species and class<br>of slaughter | 1951   |      |         | 1952   |      |         |
|-----------------------------------|--------|------|---------|--------|------|---------|
|                                   | Head   | Av.  | Total   | Head   | Av.  | Total   |
|                                   |        | live | live    |        | live | live    |
|                                   | Thous. | Lb.  | 100 lb. | Thous. | Lb.  | 100 lb. |
| <b>CATTLE</b>                     |        |      |         |        |      |         |
| Federally inspected               | 11,879 | 992  | 11,786  | 13,165 | 990  | 13,035  |
| Other wholesale and retail        | 4,497  | 883  | 3,973   | 4,691  | 865  | 4,060   |
| Farm                              | 724    | 796  | 526     | 812    | 798  | 648     |
| Total                             | 17,100 | 955  | 16,335  | 18,668 | 950  | 17,743  |
| <b>CALVES</b>                     |        |      |         |        |      |         |
| Federally inspected               | 4,985  | 209  | 1,043   | 5,294  | 221  | 1,168   |
| Other wholesale and retail        | 3,433  | 203  | 697     | 3,600  | 214  | 770     |
| Farm                              | 495    | 314  | 155     | 514    | 314  | 161     |
| Total                             | 8,913  | 213  | 1,895   | 9,408  | 223  | 2,099   |
| <b>SHEEP AND LAMBS</b>            |        |      |         |        |      |         |
| Federally inspected               | 10,056 | 98   | 989     | 12,694 | 97   | 1,237   |
| Other wholesale and retail        | 1,019  | 89   | 91      | 1,268  | 90   | 114     |
| Farm                              | 341    | 85   | 29      | 340    | 85   | 29      |
| Total                             | 11,416 | 97   | 1,109   | 14,302 | 96   | 1,380   |
| <b>HOGS</b>                       |        |      |         |        |      |         |
| Federally inspected               | 62,054 | 246  | 15,250  | 62,451 | 243  | 15,153  |
| Other wholesale and retail        | 14,007 | 218  | 3,047   | 15,239 | 216  | 3,285   |
| Farm                              | 9,520  | 238  | 2,267   | 9,022  | 237  | 2,136   |
| Total                             | 85,581 | 240  | 20,564  | 86,712 | 237  | 20,574  |

See other side for meat production estimates.



## UNITED STATES MEAT PRODUCTION 1/, 1951-1952

| Kind of meat and<br>class of slaughter | 1951             |                       | 1952             |                       |
|--|------------------|-----------------------|------------------|-----------------------|
|  | Av.              | Total                 | Av.              | Total                 |
|  | dressed          | dressed               | dressed          | dressed               |
|  | weight 2/<br>Lb. | weight 2/<br>Mil. lb. | weight 2/<br>Lb. | weight 2/<br>Mil. lb. |
| <b>BEEF</b>                            |                  |                       |                  |                       |
| Federally inspected                    | 544              | 6,431                 | 546              | 7,157                 |
| Other wholesale and retail             | 471              | 2,118                 | 465              | 2,180                 |
| Farm                                   | 406 <sup>1</sup> | 294                   | 407              | 330                   |
| Total                                  | 519              | 8,843                 | 519              | 9,667                 |
| <b>VEAL</b>                            |                  |                       |                  |                       |
| Federally inspected                    | 118              | 583                   | 123              | 650                   |
| Other wholesale and retail             | 113              | 389                   | 119              | 430                   |
| Farm                                   | 180              | 89                    | 180              | 93                    |
| Total                                  | 119              | 1,061                 | 125              | 1,173                 |
| <b>LAMB AND MUTTON</b>                 |                  |                       |                  |                       |
| Federally inspected                    | 47               | 465                   | 46               | 581                   |
| Other wholesale and retail             | 42               | 43                    | 42               | 54                    |
| Farm                                   | 40               | 13                    | 39               | 13                    |
| Total                                  | 46               | 521                   | 45               | 648                   |
| <b>PORK (excluding lard)</b>           |                  |                       |                  |                       |
| Federally inspected                    | 136              | 8,407                 | 135              | 8,411                 |
| Other wholesale and retail             | 127              | 1,783                 | 125              | 1,910                 |
| Farm                                   | 136              | 1,293                 | 136              | 1,226                 |
| Total                                  | 134              | 11,483                | 133              | 11,547                |
| <b>TOTAL MEAT</b>                      |                  | <b>21,908</b>         |                  | <b>23,035</b>         |

## UNITED STATES LARD PRODUCTION, 1951-1952

| Class of slaughter         | 1951               |                         | 1952               |                         |
|----------------------------|--------------------|-------------------------|--------------------|-------------------------|
|                            | Lard per           | Lard                    | Lard per           | Lard                    |
|                            | 100 pounds         | production              | 100 pounds         | production              |
|                            | live weight<br>Lb. | live weight<br>Mil. lb. | live weight<br>Lb. | live weight<br>Mil. lb. |
| <b>LARD 3/</b>             |                    |                         |                    |                         |
| Federally inspected        | 14.6               | 2,225                   | 14.7               | 2,234                   |
| Other wholesale and retail | 11.2               | 342                     | 11.5               | 378                     |
| Farm                       | 13.1               | 297                     | 12.8               | 274                     |
| Total                      | 13.9               | 2,864                   | 14.0               | 2,886                   |

1/Excludes animals condemned under Federal inspection.

2/For pork, the average is pork production per head excluding lard.

3/Includes rendered pork fat.

The number of hogs slaughtered was up 1 percent from 1951. Slaughter under Federal inspection was about the same as in 1951. Other wholesale and retail slaughter of hogs increased 9 percent, while farm slaughter was down 5 percent, reaching a new record low. All species except calves were slaughtered at lighter weights in 1952 than in 1951. The average live weight of cattle slaughtered was 5 pounds lighter than in 1951, sheep and lambs averaged 1 pound lighter, and hogs 3 pounds lighter. Calves averaged 10 pounds heavier in 1952 than in 1951. The yield of lard at 14 pounds per hundred pounds live weight, was one-tenth pound heavier than in 1951.

## EXHIBIT "24"

UNITED STATES DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL MARKETING SERVICE  
 WASHINGTON, D. C.

February 3, 1954

## LIVESTOCK SLAUGHTER, BY STATES--DECEMBER, 1953

Production of red meat in commercial slaughter plants in the United States during December 1953 totaled 2,154 million pounds; according to the Crop Reporting Board. December output was 2 percent above the 2,122 million pounds produced in November 1953 but 2 percent less than the 2,198 million pounds produced in December 1952. This estimate of commercial meat production includes slaughter in Federally inspected plants and other wholesale and retail plants but excludes farm slaughter.

Preliminary estimate of red meat production during the year was 23,232 million pounds which was 1,859 million pounds or 9 percent more than in 1952. Beef production in 1953 was 29 percent more than in 1952 and veal production was up 35 percent. Lamb and mutton production was 13 percent above 1952 but pork output was 13 percent less than during 1952.

December beef production totaled 1,092 million pounds. This was 5 percent more than in November and an increase of 27 percent over December a year earlier. There were 2,172,800 head of cattle slaughtered in December--2 percent more than in November and 32 percent more than in December 1952. The average live weight of cattle slaughtered was 940 pounds--15 pounds heavier than in November but 21 pounds lighter than in December 1952.

During 1953, there were 23.7 million head of cattle slaughtered compared with 17.9 million head in 1952. Beef production in 1953 totaled 12,073 million pounds, 29 percent more than in 1952 and compares with 8,549 million pounds produced in 1951. The number of cattle slaughtered in 1953 was above that of 1952 in all States.

Veal production in December totaled 123 million pounds--9 percent less than in November but 23 percent above December 1952. The number of calves slaughtered in December totaled 1,037,400 head. This was 4 percent fewer than in November but 22 percent more than December a year ago. The average live weight of calves slaughtered was 219 pounds compared with 228 in November and 213 in December a year earlier.

The number of calves slaughtered during 1953 was 11.7 million head. This compares with 8.9 million in 1952 and 8.4 million slaughtered in 1951. Veal production totaled 1,461 million pounds last year compared with 1,080 million pounds in 1952 and 972 million pounds in 1951. The number of calves killed in 1953 was above that of 1952 in all States except New Jersey and North Dakota.

Hog slaughter in December totaled 6,461,200 head--3 percent less than in November and 26 percent less than in December 1952. Pork production during December was 875 million pounds, 2 percent less than November and 26 percent under December a year earlier. Slaughter hogs in December averaged 236 pounds which was 4 pounds heavier than a month earlier but 1 pound lighter than a year earlier. Hog slaughter in December was less than a year ago in all States. Lard production totaled 208 million pounds in December which was approximately the same as November but 29 percent less than December 1952. The amount of lard rendered per 100 pounds of live weight was 13.8 pounds, compared with 13.4 a month earlier and 13.7 a year earlier.



Pork production in 1953 totaled 8,980 million pounds. This was 13 percent less than the previous year. The number of hogs killed in 1953 totaled 67.0 million which was 14 percent less than the number slaughtered in 1952. The average live weight of hogs killed in 1953 was 236 pounds, 1 pound lighter than the previous year. Hog slaughter was less than a year ago in all States except Montana.

December production of mutton and lamb was estimated at 64 million pounds, 10 percent above November and 3 percent above December 1952. The number of sheep and lambs slaughtered in December totaled 3,377,200. This was a 5 percent increase over November and 3 percent more than in December a year earlier. Slaughter sheep and lambs averaged 97 pounds live weight compared with 94 in November and 98 in December a year ago.

Mutton and lamb production in 1953 totaled 718 million pounds. This compares with 635 million pounds in 1952 and 508 million pounds in 1951. The number of sheep and lambs slaughtered during the past year was 16 million head, which was 14 percent more than the previous year. The average live weight in 1953 was 95 pounds compared with 97 pounds in 1952. Sheep and lamb slaughter in 1953 was above 1952 in all States except Kentucky which slaughtered fewer and Alabama and Arkansas which had the same number.

Poultry meat production in December totaled 362 million pounds, ready-to-cook basis—2 percent less than in December 1952 and 15 percent above the 1942-51 average. Larger broiler meat production in December did not offset the smaller farm chicken and turkey meat output, compared with December a year ago.

During 1953, a total of 3,868 million pounds of poultry meat was produced, about 1 percent more than in 1952. Larger broiler meat production in all months of 1953 except January and February offset the smaller farm chicken and turkey meat production during the year compared with production in 1952.

This report is made possible through the cooperative efforts of the Agricultural Research Service and the Agricultural Marketing Service.

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
CROP REPORTING BOARD

LIVESTOCK SLAUGHTER, UNITED STATES, BY MONTHS <sup>1/</sup>

| Month          | Federally<br>inspected | Number head<br>Other wholesale<br>and retail<br>Thousand head | Total    | Average<br>live<br>weight<br>Pounds | Total<br>live<br>weight<br>Mil. pounds |
|----------------|------------------------|---|----------|-------------------------------------|--|
| <u>CATTLE</u>  |                        |   |          |                                     |  |
| 1953           |                        |   |          |                                     |  |
| January        | 1,313.2                | 441.2   | 1,754.4  | 969                                 | 1,700                                  |
| February       | 1,120.2                | 410.9   | 1,531.1  | 970                                 | 1,534                                  |
| March          | 1,299.5                | 442.7   | 1,742.2  | 964                                 | 1,679                                  |
| April          | 1,371.4                | 480.4   | 1,851.8  | 956                                 | 1,769                                  |
| May            | 1,345.0                | 463.3   | 1,808.3  | 950                                 | 1,718                                  |
| June           | 1,450.3                | 481.0   | 1,931.3  | 932                                 | 1,801                                  |
| July           | 1,498.2                | 540.9   | 2,039.1  | 922                                 | 1,879                                  |
| August         | 1,494.0                | 529.6   | 2,023.6  | 914                                 | 1,850                                  |
| September      | 1,644.1                | 595.7   | 2,239.8  | 908                                 | 2,034                                  |
| October        | 1,781.8                | 602.4   | 2,384.2  | 912                                 | 2,174                                  |
| November       | 1,608.9                | 517.1   | 2,126.0  | 925                                 | 1,967                                  |
| December       | 1,652.9                | 519.9   | 2,172.8  | 940                                 | 2,049                                  |
| Jan.-Dec. 1953 | 17,629.5               | 6,025.1   | 23,654.6 | 936                                 | 22,151                                 |
| Jan.-Dec. 1952 | 13,164.7               | 4,690.8   | 17,855.5 | 957                                 | 17,025                                 |

|                |         |         |          |     |       |
|----------------|---------|---------|----------|-----|-------|
| <u>CALVES</u>  |         |         |          |     |       |
| 1953           |         |         |          |     |       |
| January        | 453.1   | 315.5   | 768.6    | 216 | 166   |
| February       | 421.8   | 303.2   | 725.0    | 198 | 144   |
| March          | 534.7   | 372.9   | 907.6    | 185 | 168   |
| April          | 540.9   | 374.7   | 915.6    | 199 | 183   |
| May            | 503.7   | 345.6   | 849.3    | 226 | 192   |
| June           | 586.0   | 387.9   | 973.9    | 235 | 229   |
| July           | 615.7   | 398.0   | 1,013.7  | 244 | 247   |
| August         | 602.1   | 418.9   | 1,021.0  | 251 | 257   |
| September      | 587.2   | 462.0   | 1,049.2  | 241 | 277   |
| October        | 776.2   | 475.3   | 1,251.5  | 238 | 298   |
| November       | 658.1   | 427.5   | 1,085.6  | 228 | 247   |
| December       | 633.6   | 403.8   | 1,037.4  | 219 | 228   |
| Jan.-Dec. 1953 | 7,013.1 | 4,685.3 | 11,698.4 | 225 | 2,636 |
| Jan.-Dec. 1952 | 5,293.8 | 3,600.1 | 8,893.9  | 218 | 1,938 |

|                |          |          |          |     |        |
|----------------|----------|----------|----------|-----|--------|
| <u>HOGS</u>    |          |          |          |     |        |
| 1953           |          |          |          |     |        |
| January        | 6,267.1  | 1,500.7  | 7,767.8  | 237 | 1,842  |
| February       | 4,549.5  | 1,268.4  | 5,817.9  | 230 | 1,341  |
| March          | 4,962.0  | 1,276.4  | 6,238.4  | 228 | 1,419  |
| April          | 4,324.7  | 1,128.9  | 5,453.6  | 230 | 1,255  |
| May            | 3,642.6  | 919.6    | 4,562.2  | 239 | 1,091  |
| June           | 3,607.4  | 843.8    | 4,451.2  | 254 | 1,129  |
| July           | 3,275.7  | 834.2    | 4,109.9  | 254 | 1,043  |
| August         | 3,395.9  | 883.1    | 4,279.0  | 234 | 1,001  |
| September      | 4,059.4  | 1,020.7  | 5,080.1  | 223 | 1,132  |
| October        | 4,994.2  | 1,106.5  | 6,100.7  | 224 | 1,365  |
| November       | 5,540.4  | 1,118.1  | 6,658.5  | 232 | 1,545  |
| December       | 5,194.2  | 1,267.0  | 6,461.2  | 236 | 1,525  |
| Jan.-Dec. 1953 | 53,813.1 | 13,167.4 | 66,980.5 | 234 | 15,688 |
| Jan.-Dec. 1952 | 62,450.7 | 15,239.4 | 77,690.1 | 237 | 18,438 |

<sup>1/</sup>Excludes farm slaughter.



UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
CROP REPORTING BOARD

LIVESTOCK SLAUGHTER, UNITED STATES, BY MONTHS 1/

| Month           | Number head         |                            |          | Average     | Total       |
|-----------------|---------------------|----------------------------|----------|-------------|-------------|
|                 | Federally inspected | Other wholesale and retail | Total    | live weight | live weight |
|                 |                     | Thousand head              |          | Pounds      | Mil. pounds |
| Sheep and lambs |                     |                            |          |             |             |
| 1953            |                     |                            |          |             |             |
| January         | 1,288.7             | 116.8                      | 1,405.5  | 100         | 140         |
| February        | 1,088.2             | 92.1                       | 1,180.3  | 102         | 120         |
| March           | 1,190.1             | 106.0                      | 1,296.1  | 102         | 132         |
| April           | 1,099.5             | 125.9                      | 1,225.4  | 99          | 121         |
| May             | 1,014.7             | 120.9                      | 1,135.6  | 95          | 108         |
| June            | 1,055.3             | 147.4                      | 1,202.7  | 88          | 106         |
| July            | 1,108.0             | 151.1                      | 1,259.1  | 90          | 113         |
| August          | 1,157.6             | 151.1                      | 1,308.7  | 91          | 118         |
| September       | 1,366.2             | 171.1                      | 1,537.3  | 89          | 137         |
| October         | 1,528.9             | 191.8                      | 1,720.7  | 92          | 158         |
| November        | 1,159.3             | 158.2                      | 1,317.5  | 94          | 124         |
| December        | 1,226.9             | 150.3                      | 1,377.2  | 97          | 134         |
| Jan.-Dec. 1953  | 14,333.4            | 1,682.7                    | 15,966.1 | 95          | 1,512       |
| Jan.-Dec. 1952  | 12,694.1            | 1,268.3                    | 13,962.4 | 97          | 1,351       |

MEAT AND LARD PRODUCTION, UNITED STATES, BY MONTHS 1/

| Month                 | Beef   | Veal  | Pork   | Lamb and<br>mutton | Total red<br>meat | Poultry<br>meat | Lard  |
|-----------------------|--------|-------|--------|--------------------|-------------------|-----------------|-------|
|                       |        |       | 2/     |                    | 2/                | 3/              | 4/    |
| <u>Million pounds</u> |        |       |        |                    |                   |                 |       |
| 1953                  |        |       |        |                    |                   |                 |       |
| January               | 928    | 92    | 1,030  | 67                 | 2,117             | 191             | 270   |
| February              | 850    | 81    | 759    | 57                 | 1,747             | 193             | 190   |
| March                 | 933    | 95    | 810    | 63                 | 1,901             | 221             | 194   |
| April                 | 991    | 102   | 714    | 58                 | 1,865             | 247             | 174   |
| May                   | 963    | 107   | 621    | 52                 | 1,743             | 289             | 151   |
| June                  | 1,001  | 129   | 644    | 51                 | 1,825             | 330             | 150   |
| July                  | 1,036  | 138   | 597    | 54                 | 1,825             | 322             | 140   |
| August                | 1,008  | 143   | 582    | 56                 | 1,789             | 387             | 126   |
| September             | 1,087  | 153   | 664    | 65                 | 1,969             | 430             | 139   |
| October               | 1,145  | 163   | 794    | 73                 | 2,175             | 425             | 174   |
| November              | 1,039  | 135   | 890    | 58                 | 2,122             | 471             | 207   |
| December              | 1,292  | 123   | 875    | 54                 | 2,154             | 362             | 208   |
| Jan.-Dec. 1953        | 12,073 | 1,461 | 8,980  | 718                | 23,232            | 5/3,868         | 2,123 |
| Jan.-Dec. 1952        | 9,337  | 1,060 | 10,321 | 635                | 21,373            | 5/3,846         | 2,612 |

1/ Excludes farm slaughter.

2/ Excludes lard and rendered pork fat.

3/ Chicken and turkey meat, ready to cook basis.

4/ Includes rendered pork fat.

5/ Current estimates of monthly poultry meat production based on available indications of marketings developed from information on inventories, numbers raised, intentions to raise and market poultry as well as data on chick placements and current monthly marketings.

6/ The 1952 estimates of monthly production are based on the monthly distribution of marketings as reported at the end of year by producers and processors and on other marketing data.

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
CROP REPORTING BOARD

## CATTLE SLAUGHTER 1/

| State   | December           |           |                   |           | January-December   |            |                   |            |
|---------|--------------------|-----------|-------------------|-----------|--------------------|------------|-------------------|------------|
|         | Number slaughtered |           | Total live weight |           | Number slaughtered |            | Total live weight |            |
|         | 1952               | 1953      | 1952              | 1953      | 1952               | 1953       | 1952              | 1953       |
|         | Head               |           | Thous. pounds     |           | Head               |            | Thous. pounds     |            |
| Eng. 2/ | 22,200             | 28,600    | 22,734            | 28,086    | 232,300            | 277,400    | 237,504           | 278,543    |
| N.Y.    | 47,000             | 57,000    | 53,198            | 59,413    | 511,000            | 627,000    | 571,478           | 685,507    |
| N.J.    | 15,000             | 26,000    | 17,968            | 29,251    | 180,600            | 246,400    | 210,525           | 289,375    |
| Pa.     | 55,000             | 65,000    | 57,082            | 65,603    | 658,000            | 740,000    | 675,452           | 752,487    |
| Ohio    | 81,000             | 99,000    | 77,091            | 92,186    | 874,000            | 1,120,000  | 829,023           | 1,042,870  |
| Ind.    | 40,000             | 60,000    | 36,860            | 55,490    | 442,000            | 619,000    | 398,202           | 566,499    |
| Ill.    | 155,000            | 200,000   | 155,445           | 193,741   | 1,655,000          | 2,137,000  | 1,632,791         | 2,069,862  |
| Mich.   | 52,000             | 63,000    | 51,666            | 59,228    | 628,000            | 760,000    | 610,778           | 717,483    |
| Wis.    | 46,000             | 75,000    | 49,004            | 77,010    | 541,000            | 695,000    | 562,760           | 717,533    |
| Minn.   | 98,000             | 127,000   | 100,049           | 131,202   | 1,038,000          | 1,360,000  | 1,058,705         | 1,368,353  |
| Iowa    | 130,000            | 165,000   | 132,613           | 165,355   | 1,376,000          | 1,842,000  | 1,388,579         | 1,825,967  |
| Mo.     | 77,000             | 96,000    | 71,699            | 87,280    | 795,000            | 1,055,000  | 735,651           | 959,533    |
| N.Dak.  | 11,100             | 11,000    | 11,152            | 11,074    | 99,800             | 118,800    | 100,727           | 116,259    |
| S.Dak.  | 19,000             | 26,000    | 19,250            | 26,535    | 212,400            | 287,800    | 218,769           | 288,634    |
| Nebr.   | 112,000            | 156,000   | 112,197           | 156,499   | 1,186,000          | 1,614,000  | 1,185,381         | 1,567,150  |
| Kans.   | 95,000             | 116,000   | 93,494            | 113,499   | 897,000            | 1,254,000  | 861,567           | 1,192,771  |
| Del. &  |                    |           |                   |           |                    |            |                   |            |
| Md. 3/  | 13,800             | 18,900    | 14,415            | 19,114    | 156,500            | 200,700    | 162,671           | 203,101    |
| Va.     | 8,800              | 12,100    | 8,655             | 10,860    | 100,500            | 137,900    | 94,322            | 129,822    |
| W.Va.   | 3,900              | 4,800     | 3,642             | 4,268     | 43,400             | 62,100     | 45,315            | 56,294     |
| N.C.    | 7,200              | 9,800     | 5,486             | 7,479     | 103,400            | 126,100    | 81,267            | 98,025     |
| S.C.    | 4,100              | 6,700     | 2,746             | 4,543     | 60,000             | 85,800     | 41,570            | 58,378     |
| Ga.     | 25,000             | 39,000    | 16,709            | 25,845    | 290,000            | 438,000    | 196,327           | 292,803    |
| Fla.    | 15,000             | 31,000    | 11,229            | 22,423    | 171,900            | 305,000    | 130,568           | 220,612    |
| Ky.     | 16,000             | 21,000    | 13,728            | 17,737    | 169,200            | 228,900    | 146,140           | 195,821    |
| Tenn.   | 27,000             | 42,000    | 20,830            | 32,620    | 280,400            | 454,000    | 218,041           | 353,707    |
| Ala.    | 14,400             | 18,200    | 10,300            | 12,361    | 169,500            | 215,600    | 121,988           | 151,487    |
| Miss.   | 5,300              | 8,800     | 4,254             | 6,949     | 58,700             | 103,800    | 45,299            | 79,106     |
| Ark.    | 4,400              | 6,400     | 3,271             | 4,496     | 58,700             | 77,500     | 44,046            | 54,994     |
| La.     | 7,800              | 15,300    | 5,600             | 10,496    | 92,800             | 146,100    | 69,049            | 102,963    |
| Okla.   | 34,000             | 43,000    | 29,479            | 35,876    | 339,000            | 473,000    | 287,729           | 384,234    |
| Texas   | 109,000            | 152,000   | 83,969            | 116,258   | 1,175,000          | 1,635,000  | 929,201           | 1,293,533  |
| Mont.   | 4,500              | 6,200     | 4,151             | 5,642     | 51,800             | 69,900     | 49,609            | 65,024     |
| Idaho   | 8,200              | 10,500    | 8,403             | 10,240    | 70,800             | 107,400    | 68,831            | 102,496    |
| Wyo.    | 700                | 1,100     | 603               | 956       | 9,500              | 13,500     | 8,725             | 12,058     |
| Colo.   | 56,000             | 67,000    | 53,627            | 64,783    | 579,000            | 759,000    | 568,791           | 729,217    |
| N.Mex.  | 3,200              | 3,600     | 2,637             | 2,987     | 38,000             | 47,000     | 31,975            | 38,416     |
| Ariz.   | 7,600              | 9,400     | 6,509             | 8,026     | 86,000             | 109,200    | 72,053            | 93,372     |
| Utah    | 10,100             | 13,800    | 9,452             | 12,936    | 105,000            | 152,500    | 99,197            | 139,913    |
| Nev.    | 1,300              | 1,600     | 1,274             | 1,663     | 13,900             | 19,300     | 14,324            | 19,645     |
| Wash.   | 27,000             | 36,000    | 26,198            | 33,869    | 284,000            | 384,000    | 276,283           | 365,277    |
| Oreg.   | 19,000             | 22,000    | 17,788            | 19,713    | 198,400            | 262,000    | 190,126           | 238,514    |
| Calif.  | 163,000            | 202,000   | 161,477           | 200,772   | 1,812,000          | 2,236,900  | 1,817,021         | 2,206,363  |
| U. S.   | 1,651,600          | 2,172,800 | 1,587,934         | 2,043,374 | 17,855,500         | 23,654,600 | 17,095,360        | 22,151,013 |

1/ 2/ 3/ See footnotes page 9.



UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
CROP REPORTING BOARD

## CATTLE SLAUGHTER. 1/

| State      | December           |           |                   |         | January-December   |            |                   |           |
|------------|--------------------|-----------|-------------------|---------|--------------------|------------|-------------------|-----------|
|            | Number slaughtered |           | Total live weight |         | Number slaughtered |            | Total live weight |           |
|            | 1952               | 1953      | 1952              | 1953    | 1952               | 1953       | 1952              | 1953      |
|            | Head               |           | Thous. pounds     |         | Head               |            | Thous. pounds     |           |
| N. Eng. 2/ | 34,000             | 36,000    | 3,096             | 3,347   | 338,800            | 413,000    | 31,156            | 38,980    |
| N. Y.      | 76,000             | 86,000    | 8,412             | 11,271  | 880,000            | 1,034,000  | 115,419           | 142,977   |
| N. J.      | 22,000             | 26,000    | 3,779             | 4,732   | 309,000            | 303,000    | 60,644            | 56,108    |
| Pa.        | 61,000             | 71,000    | 7,247             | 8,403   | 664,000            | 786,000    | 86,922            | 102,353   |
| Ohio       | 20,000             | 24,000    | 3,198             | 4,050   | 246,000            | 290,000    | 42,155            | 51,101    |
| Ind.       | 12,300             | 16,000    | 2,828             | 2,939   | 151,400            | 192,700    | 34,005            | 38,976    |
| Ill.       | 61,000             | 78,000    | 11,933            | 15,631  | 648,000            | 823,000    | 127,819           | 165,772   |
| Mich.      | 32,000             | 54,000    | 4,935             | 7,342   | 393,000            | 674,000    | 65,247            | 104,893   |
| Wis.       | 118,000            | 129,000   | 14,366            | 15,171  | 1,044,000          | 1,303,000  | 134,204           | 163,409   |
| Minn.      | 60,000             | 58,000    | 9,042             | 9,251   | 452,000            | 527,000    | 73,842            | 87,339    |
| Iowa       | 31,000             | 41,000    | 7,151             | 10,623  | 294,000            | 433,000    | 66,725            | 105,890   |
| Mo.        | 26,000             | 30,000    | 6,505             | 8,189   | 267,800            | 307,400    | 65,250            | 81,174    |
| N. Dak.    | 2,100              | 1,900     | 576               | 481     | 26,900             | 26,200     | 7,297             | 6,912     |
| S. Dak.    | 400                | 600       | 97                | 172     | 3,300              | 6,200      | 901               | 1,911     |
| Nebr.      | 2,100              | 5,800     | 660               | 2,078   | 21,800             | 57,300     | 6,390             | 18,622    |
| Kans.      | 20,000             | 22,000    | 6,872             | 7,324   | 211,700            | 294,500    | 68,092            | 98,903    |
| Del. &     |                    |           |                   |         |                    |            |                   |           |
| Mi. 3/     | 13,800             | 18,600    | 2,392             | 3,249   | 167,000            | 218,000    | 30,199            | 39,290    |
| Va.        | 8,900              | 13,700    | 1,964             | 4,448   | 168,300            | 210,600    | 35,796            | 47,440    |
| W. Va.     | 1,500              | 1,700     | 274               | 330     | 18,700             | 23,800     | 3,703             | 4,713     |
| N. C.      | 3,200              | 4,300     | 557               | 801     | 47,700             | 54,000     | 8,179             | 9,538     |
| S. C.      | 700                | 1,100     | 191               | 217     | 11,400             | 16,000     | 2,998             | 3,526     |
| Ga.        | 10,000             | 16,000    | 2,926             | 4,498   | 110,000            | 177,600    | 32,352            | 55,080    |
| Fla.       | 5,400              | 8,700     | 1,544             | 2,467   | 47,200             | 92,800     | 13,137            | 26,459    |
| Ky.        | 2,600              | 2,400     | 649               | 542     | 52,900             | 66,800     | 10,583            | 14,497    |
| Tenn.      | 23,000             | 28,000    | 4,651             | 4,312   | 318,000            | 413,800    | 68,979            | 84,348    |
| Ala.       | 4,800              | 7,900     | 1,992             | 2,830   | 54,800             | 92,500     | 20,446            | 36,929    |
| Miss.      | 6,900              | 8,400     | 3,040             | 3,336   | 69,800             | 96,500     | 29,481            | 39,732    |
| Ark.       | 2,000              | 3,300     | 962               | 1,551   | 20,100             | 32,200     | 9,294             | 15,119    |
| La.        | 25,000             | 28,000    | 9,160             | 9,695   | 256,800            | 328,000    | 94,935            | 121,230   |
| Okla.      | 13,900             | 19,000    | 6,223             | 8,588   | 145,900            | 219,100    | 62,956            | 95,750    |
| Texas      | 86,000             | 114,000   | 36,563            | 47,238  | 861,000            | 1,305,000  | 372,751           | 542,864   |
| Mont.      | 400                | 700       | 158               | 261     | 5,600              | 8,400      | 2,004             | 3,230     |
| Idaho      | 1,700              | 1,900     | 527               | 533     | 11,600             | 23,300     | 3,594             | 7,524     |
| Wyo.       | 100                | 200       | 29                | 46      | 1,100              | 1,400      | 311               | 406       |
| Colo.      | 5,400              | 6,300     | 2,094             | 2,334   | 38,600             | 63,600     | 13,730            | 21,775    |
| N. Mex.    | 400                | 600       | 202               | 263     | 4,300              | 5,900      | 1,832             | 2,453     |
| Ariz.      | 1,100              | 1,600     | 490               | 690     | 7,500              | 15,200     | 3,348             | 6,432     |
| Utah       | 1,100              | 1,300     | 334               | 399     | 13,600             | 15,500     | 4,160             | 4,659     |
| Nev.       | 300                | 500       | 114               | 188     | 3,600              | 5,300      | 1,380             | 1,902     |
| Wash.      | 4,100              | 5,100     | 1,356             | 1,752   | 45,000             | 65,200     | 13,053            | 21,050    |
| Oreg.      | 3,900              | 5,800     | 1,223             | 1,899   | 37,700             | 57,300     | 11,574            | 17,090    |
| Calif.     | 44,000             | 59,000    | 10,598            | 14,044  | 424,000            | 620,200    | 100,809           | 147,724   |
| U. S.      | 848,100            | 1,037,400 | 180,810           | 227,515 | 8,893,900          | 11,698,400 | 1,937,652         | 2,636,080 |

1/ 2/ 3/ See footnotes page 9.

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
CROP REPORTING BOARD

## HOG SLAUGHTER 1/

| State      | December           |                   |                    |                   | January-December   |                   |                    |                   |
|------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|
|            | Number slaughtered | Total live weight | Number slaughtered | Total live weight | Number slaughtered | Total live weight | Number slaughtered | Total live weight |
|            | 1952               | 1953              | 1952               | 1953              | 1952               | 1953              | 1952               | 1953              |
|            | Head               | Thous. pounds     | Head               | Thous. pounds     | Head               | Thous. pounds     | Head               | Thous. pounds     |
| N. Eng. 2/ | 94,360             | 72,300            | 23,311             | 17,843            | 905,200            | 820,800           | 224,208            | 196,006           |
| N. Y.      | 166,000            | 137,000           | 35,363             | 30,021            | 1,705,000          | 1,534,000         | 357,907            | 326,899           |
| N. J.      | 173,000            | 133,000           | 37,146             | 27,265            | 1,740,000          | 1,495,000         | 373,420            | 311,377           |
| Pa.        | 292,000            | 251,000           | 66,876             | 56,882            | 3,047,000          | 2,612,000         | 569,116            | 568,361           |
| Ohio       | 414,000            | 316,000           | 97,603             | 73,397            | 4,270,000          | 3,738,000         | 955,938            | 833,948           |
| Ind.       | 341,000            | 318,000           | 83,460             | 79,487            | 3,471,000          | 3,290,000         | 829,875            | 806,604           |
| Ill.       | 906,000            | 589,000           | 229,884            | 145,501           | 7,882,000          | 6,619,000         | 1,976,580          | 1,623,602         |
| Mich.      | 181,000            | 132,000           | 45,247             | 32,351            | 1,988,000          | 1,644,000         | 473,143            | 404,650           |
| Wis.       | 383,000            | 316,000           | 91,857             | 75,031            | 3,416,000          | 2,893,000         | 836,133            | 692,929           |
| Minn.      | 791,000            | 500,000           | 191,295            | 120,005           | 5,971,000          | 5,239,000         | 1,506,155          | 1,279,963         |
| Iowa       | 1,516,000          | 1,158,000         | 372,870            | 283,771           | 12,057,000         | 10,922,000        | 3,058,087          | 2,711,952         |
| Mo.        | 508,000            | 296,000           | 123,745            | 72,420            | 3,963,000          | 3,359,000         | 955,104            | 788,919           |
| N. Dak.    | 49,000             | 31,000            | 10,615             | 6,917             | 287,000            | 233,100           | 70,592             | 57,155            |
| S. Dak.    | 281,000            | 238,000           | 66,300             | 57,527            | 2,369,000          | 2,076,000         | 608,439            | 518,874           |
| Nebr.      | 478,000            | 292,000           | 118,391            | 72,087            | 3,290,000          | 2,717,000         | 849,813            | 686,022           |
| Kans.      | 307,000            | 197,000           | 76,031             | 48,278            | 2,562,000          | 2,036,000         | 620,349            | 489,437           |
| Del. &     |                    |                   |                    |                   |                    |                   |                    |                   |
| Md. 3/     | 104,000            | 87,100            | 22,875             | 18,880            | 1,145,500          | 1,038,300         | 246,535            | 219,588           |
| Va.        | 111,000            | 108,000           | 23,264             | 23,113            | 1,286,000          | 1,240,000         | 275,527            | 257,295           |
| W. Va.     | 15,000             | 14,400            | 3,527              | 3,067             | 187,400            | 162,200           | 41,604             | 35,308            |
| N. C.      | 71,000             | 66,000            | 14,820             | 13,512            | 732,000            | 711,000           | 155,062            | 146,255           |
| S. C.      | 49,000             | 40,000            | 9,640              | 8,110             | 483,000            | 445,000           | 97,214             | 87,902            |
| Ga.        | 196,000            | 173,000           | 36,050             | 33,353            | 1,823,000          | 1,615,000         | 349,208            | 304,498           |
| Fla.       | 82,000             | 60,000            | 15,273             | 11,614            | 625,000            | 551,000           | 109,249            | 104,319           |
| Ky.        | 100,000            | 73,000            | 23,158             | 16,960            | 1,067,000          | 869,000           | 246,127            | 197,784           |
| Tenn.      | 149,000            | 108,000           | 34,801             | 25,019            | 1,528,000          | 1,316,000         | 341,036            | 292,266           |
| Ala.       | 70,000             | 62,000            | 14,271             | 12,800            | 662,000            | 607,000           | 135,778            | 123,722           |
| Miss.      | 23,000             | 21,000            | 4,871              | 4,473             | 232,500            | 207,200           | 49,445             | 44,314            |
| Ark.       | 28,000             | 24,000            | 5,872              | 5,167             | 274,000            | 246,000           | 57,207             | 52,339            |
| La.        | 29,000             | 25,000            | 5,483              | 4,290             | 259,600            | 205,900           | 48,781             | 37,460            |
| Okla.      | 108,000            | 84,000            | 24,914             | 19,951            | 1,025,000          | 769,000           | 234,402            | 174,527           |
| Texas      | 211,000            | 151,000           | 48,924             | 35,149            | 2,036,000          | 1,490,000         | 461,635            | 340,420           |
| Mont.      | 21,000             | 17,000            | 4,537              | 3,941             | 210,000            | 216,000           | 47,202             | 47,556            |
| Idaho      | 18,000             | 10,100            | 3,819              | 2,243             | 205,900            | 134,000           | 42,596             | 28,767            |
| Wyo.       | 2,200              | 2,000             | 502                | 453               | 24,400             | 20,800            | 5,577              | 4,762             |
| Colo.      | 99,000             | 57,000            | 23,671             | 13,759            | 782,000            | 640,400           | 190,139            | 153,405           |
| N. Mex.    | 7,500              | 7,400             | 1,748              | 1,746             | 78,600             | 66,900            | 18,107             | 15,573            |
| Ariz.      | 43,400             | 9,900             | 3,107              | 2,233             | 139,600            | 91,200            | 30,978             | 20,438            |
| Utah       | 25,000             | 24,000            | 5,728              | 5,674             | 266,000            | 243,000           | 60,727             | 54,113            |
| Nev.       | 1,200              | 1,000             | 272                | 242               | 13,400             | 10,700            | 2,915              | 2,412             |
| Nash.      | 84,000             | 50,000            | 18,032             | 11,001            | 912,000            | 583,000           | 178,179            | 127,524           |
| Oreg.      | 48,000             | 33,000            | 10,904             | 7,567             | 469,000            | 382,000           | 103,908            | 85,210            |
| Calif.     | 218,000            | 177,000           | 49,959             | 41,500            | 2,380,000          | 1,892,000         | 543,946            | 433,275           |
| U.S.       | 8,776,600          | 6,461,200         | 2,080,016          | 1,524,600         | 77,690,100         | 66,980,500        | 18,437,943         | 15,687,731        |



UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
CROP REPORTING BOARD

## SHEEP AND LAMB SLAUGHTER 1/

| State      | December           |           |                   |         | January            |            |                   |           |
|------------|--------------------|-----------|-------------------|---------|--------------------|------------|-------------------|-----------|
|            | Number slaughtered |           | Total live weight |         | Number slaughtered |            | Total live weight |           |
|            | 1952               | 1953      | 1952              | 1953    | 1952               | 1953       | 1952              | 1953      |
|            | Head               |           | Thous. pounds     |         | Head               |            | Thous. pounds     |           |
| N. Eng. 2/ | 30,700             | 29,600    | 2,986             | 2,743   | 309,700            | 344,400    | 29,145            | 31,606    |
| N. Y.      | 121,000            | 126,000   | 11,091            | 11,558  | 1,319,000          | 1,338,000  | 121,238           | 121,084   |
| N. J.      | 87,000             | 92,000    | 8,243             | 8,864   | 893,000            | 959,000    | 83,342            | 88,516    |
| Pa.        | 22,000             | 19,000    | 1,863             | 1,568   | 237,100            | 258,000    | 19,705            | 21,081    |
| Ohio       | 15,000             | 25,000    | 1,369             | 2,216   | 205,600            | 239,300    | 17,640            | 20,122    |
| Ind.       | 6,900              | 14,200    | 734               | 1,288   | 61,200             | 128,300    | 5,849             | 11,290    |
| Ill.       | 121,000            | 92,000    | 12,066            | 9,170   | 1,143,000          | 1,210,000  | 111,927           | 118,161   |
| Mich.      | 39,000             | 70,000    | 3,583             | 6,627   | 378,000            | 613,000    | 34,314            | 55,922    |
| Wis.       | 14,300             | 22,000    | 1,323             | 2,056   | 132,600            | 180,900    | 12,625            | 17,009    |
| Minn.      | 110,000            | 101,000   | 11,000            | 9,992   | 842,000            | 947,000    | 84,705            | 92,738    |
| Iowa       | 143,000            | 173,000   | 14,220            | 16,987  | 1,292,000          | 1,661,000  | 129,442           | 160,911   |
| Mo.        | 61,000             | 65,000    | 5,960             | 6,288   | 590,000            | 713,000    | 56,893            | 67,618    |
| N. Dak.    | 30,000             | 23,000    | 3,038             | 2,334   | 231,000            | 250,100    | 24,429            | 25,602    |
| S. Dak.    | 40,000             | 43,000    | 3,904             | 4,134   | 321,000            | 417,000    | 32,298            | 40,437    |
| Nebr.      | 112,000            | 111,000   | 11,584            | 11,312  | 1,163,000          | 1,244,000  | 120,730           | 124,359   |
| Kans.      | 48,000             | 37,000    | 4,629             | 3,524   | 573,000            | 598,000    | 54,083            | 55,177    |
| Del. &     |                    |           |                   |         |                    |            |                   |           |
| Md. 3/     | 7,200              | 8,300     | 608               | 723     | 84,000             | 99,300     | 7,360             | 8,592     |
| Va.        | 300                | 500       | 33                | 44      | 10,500             | 12,300     | 935               | 1,038     |
| W. Va.     | 300                | 300       | 28                | 33      | 4,400              | 6,200      | 395               | 533       |
| N. C.      | ---                | 100       | ---               | 7       | 1,500              | 1,600      | 135               | 140       |
| S. C.      | ---                | 100       | ---               | 7       | 100                | 300        | 5                 | 24        |
| Ga.        | 100                | 200       | 8                 | 14      | 1,200              | 1,400      | 105               | 113       |
| Fla.       | ---                | ---       | ---               | ---     | 200                | 600        | 16                | 49        |
| Ky.        | 11,000             | 9,100     | 944               | 790     | 188,700            | 171,000    | 16,223            | 14,443    |
| Tenn.      | 1,000              | 1,300     | 88                | 105     | 59,600             | 61,000     | 4,686             | 5,313     |
| Ala.       | 100                | ---       | 8                 | ---     | 500                | 500        | 40                | 37        |
| Miss.      | ---                | ---       | ---               | ---     | 800                | 500        | 64                | 30        |
| Ark.       | ---                | ---       | ---               | ---     | 100                | 100        | 7                 | 7         |
| La.        | ---                | 100       | ---               | 6       | 1,100              | 1,300      | 95                | 99        |
| Okla.      | 11,200             | 8,700     | 984               | 814     | 181,300            | 200,600    | 16,077            | 17,065    |
| Texas      | 45,000             | 40,000    | 3,818             | 3,460   | 672,000            | 782,000    | 57,464            | 62,980    |
| Mont.      | 700                | 800       | 71                | 73      | 6,700              | 8,800      | 686               | 844       |
| Idaho      | 1,700              | 1,100     | 172               | 115     | 24,900             | 29,200     | 2,552             | 3,082     |
| Wyo.       | 200                | 300       | 17                | 26      | 1,700              | 3,300      | 165               | 316       |
| Colo.      | 48,000             | 46,000    | 4,958             | 4,737   | 581,000            | 740,000    | 60,505            | 73,937    |
| N. Mex.    | 1,700              | 1,600     | 162               | 152     | 17,000             | 24,400     | 1,785             | 2,576     |
| Ariz.      | 1,000              | 1,300     | 88                | 130     | 13,100             | 16,500     | 1,232             | 1,582     |
| Utah       | 13,600             | 19,000    | 1,706             | 2,019   | 217,300            | 256,800    | 23,014            | 24,746    |
| Nev.       | 400                | 600       | 37                | 69      | 6,400              | 7,600      | 626               | 760       |
| Wash.      | 14,800             | 11,000    | 1,600             | 1,130   | 135,700            | 152,000    | 14,055            | 15,725    |
| Oreg.      | 16,000             | 21,000    | 1,601             | 2,123   | 189,400            | 215,800    | 18,651            | 20,920    |
| Calif.     | 156,000            | 163,000   | 15,677            | 16,555  | 1,872,000          | 2,092,000  | 185,693           | 204,991   |
| U. S.      | 1,331,200          | 1,377,200 | 130,201           | 133,793 | 13,962,400         | 15,966,100 | 1,350,936         | 1,511,569 |

1/ 2/ 3/ See footnotes page 9.

UNITED STATES DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL MARKETING SERVICE  
 CROP REPORTING BOARD

| LIVESTOCK SLAUGHTER, AVERAGE LIVE WEIGHT PER HEAD, DECEMBER 1952 AND 1953 1/ |        |       |        |      |      |      |                 |      |
|--|--------|-------|--------|------|------|------|-----------------|------|
| State  | Cattle |       | Calves |      | Hogs |      | Sheep and lambs |      |
|  | 1952   | 1953  | 1952   | 1953 | 1952 | 1953 | 1952            | 1953 |
|  | Pounds |       |        |      |      |      |                 |      |
| N.Eng. 2/  | 1,031  | 983   | 93     | 92   | 246  | 246  | 98              | 93   |
| N.Y.   | 1,137  | 1,039 | 111    | 130  | 213  | 219  | 91              | 92   |
| N.J.   | 1,174  | 1,124 | 169    | 178  | 214  | 205  | 95              | 96   |
| Pa.  | 1,040  | 1,019 | 121    | 119  | 224  | 227  | 83              | 83   |
| Ohio   | 954    | 935   | 162    | 170  | 236  | 232  | 89              | 88   |
| Ind.   | 917    | 931   | 230    | 188  | 245  | 250  | 107             | 91   |
| Ill.   | 1,004  | 966   | 196    | 200  | 254  | 247  | 99              | 100  |
| Mich.  | 994    | 943   | 153    | 136  | 250  | 246  | 92              | 95   |
| Wis.   | 1,058  | 1,030 | 121    | 117  | 240  | 237  | 93              | 94   |
| Minn.  | 1,023  | 1,029 | 151    | 159  | 242  | 240  | 100             | 99   |
| Iowa   | 1,018  | 1,000 | 228    | 258  | 246  | 245  | 99              | 98   |
| Mo.  | 926    | 912   | 255    | 269  | 244  | 244  | 98              | 97   |
| N.Dak.   | 1,011  | 987   | 270    | 260  | 220  | 224  | 103             | 102  |
| S.Dak.   | 1,029  | 1,013 | 272    | 299  | 236  | 242  | 98              | 96   |
| Nebr.  | 1,000  | 1,004 | 322    | 358  | 248  | 247  | 103             | 102  |
| Kans.  | 986    | 960   | 341    | 337  | 248  | 246  | 96              | 95   |
| Del., Md. 3/   | 1,044  | 1,000 | 174    | 177  | 220  | 217  | 85              | 87   |
| Va.  | 985    | 895   | 220    | 325  | 210  | 214  | 95              | 88   |
| W.Va.  | 939    | 889   | 190    | 193  | 229  | 213  | 97              | 92   |
| N.C.   | 760    | 761   | 174    | 187  | 210  | 205  | ---             | 90   |
| S.C.   | 668    | 680   | 256    | 197  | 196  | 202  | ---             | 70   |
| Ga.  | 662    | 667   | 292    | 288  | 184  | 193  | 81              | 89   |
| Fla.   | 743    | 721   | 286    | 285  | 171  | 193  | ---             | ---  |
| Ky.  | 883    | 858   | 172    | 226  | 231  | 231  | 86              | 87   |
| Tenn.  | 779    | 783   | 200    | 155  | 234  | 233  | 89              | 84   |
| Ala.   | 716    | 681   | 413    | 360  | 204  | 207  | 87              | ---  |
| Miss.  | 806    | 787   | 443    | 397  | 209  | 218  | ---             | ---  |
| Ark.   | 737    | 701   | 481    | 470  | 207  | 219  | ---             | ---  |
| La.  | 717    | 686   | 363    | 346  | 187  | 169  | ---             | 75   |
| Okla.  | 856    | 830   | 446    | 458  | 231  | 239  | 88              | 94   |
| Texas  | 768    | 764   | 423    | 413  | 232  | 232  | 85              | 87   |
| Mont.  | 920    | 903   | 385    | 397  | 220  | 231  | 102             | 97   |
| Idaho  | 1,031  | 976   | 306    | 288  | 209  | 222  | 105             | 105  |
| Wyo.   | 884    | 870   | 305    | 324  | 220  | 227  | 99              | 97   |
| Colo.  | 965    | 968   | 388    | 374  | 240  | 241  | 104             | 102  |
| N.Mex.   | 824    | 830   | 449    | 417  | 233  | 236  | 98              | 93   |
| Ariz.  | 853    | 853   | 457    | 436  | 230  | 225  | 95              | 98   |
| Utah   | 935    | 934   | 316    | 302  | 228  | 236  | 126             | 105  |
| Nev.   | 1,014  | 1,041 | 376    | 366  | 230  | 223  | 91              | 110  |
| Wash.  | 970    | 945   | 333    | 342  | 214  | 222  | 108             | 102  |
| Oreg.  | 932    | 900   | 312    | 327  | 225  | 227  | 102             | 100  |
| Calif.   | 991    | 995   | 242    | 239  | 229  | 234  | 101             | 102  |
| U.S.   | 961    | 940   | 213    | 219  | 237  | 236  | 98              | 97   |

1/Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter. Averages are based on unrounded numbers.

2/Includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut.

3/Includes the District of Columbia.



## CATTLE, HOGS, SHEEP, HORSES, AND MULES, 1952

TABLE 509.—Meats and lard: Production, by class of slaughter, United States, 1935-51<sup>1</sup>

| Year                     | Commercial          |                            |                | Farm  | Total  | Commercial           |                            |                | Farm  | Total  |
|--------------------------|---------------------|----------------------------|----------------|-------|--------|----------------------|----------------------------|----------------|-------|--------|
|                          | Federally inspected | Other wholesale and retail | Total          |       |        | Federally inspected  | Other wholesale and retail | Total          |       |        |
|                          | Million pounds      | Million pounds             | Million pounds |       |        | Million pounds       | Million pounds             | Million pounds |       |        |
| BEEF                     |                     |                            |                |       |        | PORK, EXCLUDING LARD |                            |                |       |        |
| 1935                     | 4,610               | 1,753                      | 6,363          | 245   | 6,608  | 3,494                | 761                        | 4,255          | 1,664 | 5,919  |
| 1936                     | 5,317               | 1,802                      | 7,119          | 239   | 7,358  | 4,737                | 965                        | 5,702          | 1,772 | 7,474  |
| 1937                     | 4,699               | 1,879                      | 6,578          | 220   | 6,798  | 4,254                | 1,011                      | 5,265          | 1,686 | 6,951  |
| 1938                     | 4,798               | 1,887                      | 6,685          | 223   | 6,908  | 4,884                | 1,111                      | 5,995          | 1,685 | 7,680  |
| 1939                     | 4,803               | 1,983                      | 6,786          | 225   | 7,011  | 5,552                | 1,337                      | 6,889          | 1,771 | 8,660  |
| 1940                     | 4,964               | 1,984                      | 6,948          | 227   | 7,175  | 6,614                | 1,632                      | 8,246          | 1,798 | 10,044 |
| 1941                     | 5,732               | 2,126                      | 7,858          | 224   | 8,082  | 6,345                | 1,559                      | 7,904          | 1,624 | 9,528  |
| 1942                     | 6,343               | 2,249                      | 8,592          | 251   | 8,843  | 7,562                | 1,672                      | 9,234          | 1,642 | 10,876 |
| 1943                     | 5,966               | 2,340                      | 8,306          | 265   | 8,571  | 9,308                | 2,454                      | 11,762         | 1,878 | 13,640 |
| 1944                     | 6,652               | 2,149                      | 8,801          | 311   | 9,112  | 9,456                | 2,046                      | 11,502         | 1,802 | 13,304 |
| 1945                     | 7,236               | 2,700                      | 9,936          | 340   | 10,276 | 6,387                | 2,476                      | 8,863          | 1,854 | 10,697 |
| 1946                     | 5,661               | 3,349                      | 9,010          | 363   | 9,373  | 6,642                | 2,592                      | 9,234          | 1,916 | 11,150 |
| 1947                     | 7,535               | 2,561                      | 10,096         | 336   | 10,432 | 7,080                | 1,731                      | 8,811          | 1,691 | 10,502 |
| 1948                     | 6,433               | 2,333                      | 8,766          | 309   | 9,075  | 6,832                | 1,654                      | 8,486          | 1,569 | 10,055 |
| 1949                     | 6,998               | 2,144                      | 9,142          | 297   | 9,439  | 7,352                | 1,523                      | 8,875          | 1,411 | 10,286 |
| 1950                     | 7,051               | 2,197                      | 9,248          | 290   | 9,538  | 7,788                | 1,609                      | 9,397          | 1,317 | 10,714 |
| 1951                     | 6,431               | 2,118                      | 8,549          | 294   | 8,843  | 8,407                | 1,783                      | 10,190         | 1,293 | 11,483 |
| VEAL                     |                     |                            |                |       |        | LAMB AND MUTTON      |                            |                |       |        |
| 1935                     | 608                 | 322                        | 930            | 93    | 1,023  | 701                  | 147                        | 848            | 19    | 867    |
| 1936                     | 653                 | 327                        | 980            | 95    | 1,075  | 680                  | 147                        | 827            | 27    | 854    |
| 1937                     | 675                 | 348                        | 1,023          | 85    | 1,108  | 683                  | 143                        | 826            | 26    | 852    |
| 1938                     | 581                 | 332                        | 913            | 81    | 994    | 720                  | 151                        | 871            | 26    | 897    |
| 1939                     | 559                 | 348                        | 907            | 84    | 991    | 694                  | 152                        | 846            | 26    | 872    |
| 1940                     | 568                 | 328                        | 896            | 85    | 981    | 702                  | 150                        | 852            | 24    | 876    |
| 1941                     | 599                 | 353                        | 952            | 84    | 1,036  | 749                  | 150                        | 899            | 24    | 923    |
| 1942                     | 667                 | 399                        | 1,066          | 85    | 1,151  | 879                  | 139                        | 1,018          | 24    | 1,042  |
| 1943                     | 597                 | 481                        | 1,078          | 89    | 1,167  | 958                  | 122                        | 1,080          | 24    | 1,104  |
| 1944                     | 926                 | 703                        | 1,629          | 109   | 1,738  | 887                  | 114                        | 1,001          | 23    | 1,024  |
| 1945                     | 823                 | 729                        | 1,552          | 112   | 1,664  | 913                  | 117                        | 1,030          | 24    | 1,054  |
| 1946                     | 642                 | 687                        | 1,329          | 114   | 1,443  | 850                  | 96                         | 946            | 22    | 968    |
| 1947                     | 904                 | 589                        | 1,493          | 112   | 1,605  | 717                  | 62                         | 779            | 20    | 799    |
| 1948                     | 791                 | 532                        | 1,323          | 100   | 1,423  | 665                  | 63                         | 728            | 19    | 747    |
| 1949                     | 746                 | 494                        | 1,240          | 94    | 1,334  | 536                  | 51                         | 587            | 16    | 603    |
| 1950                     | 667                 | 470                        | 1,137          | 93    | 1,230  | 534                  | 47                         | 581            | 16    | 597    |
| 1951                     | 583                 | 389                        | 972            | 89    | 1,061  | 465                  | 43                         | 508            | 14    | 522    |
| ALL MEAT, EXCLUDING LARD |                     |                            |                |       |        | LARD                 |                            |                |       |        |
| 1935                     | 9,413               | 2,983                      | 12,396         | 2,031 | 14,427 | 662                  |                            |                |       | 1,276  |
| 1936                     | 11,387              | 3,241                      | 14,628         | 2,133 | 16,761 | 992                  |                            |                |       | 1,679  |
| 1937                     | 10,311              | 3,381                      | 13,692         | 2,017 | 15,709 | 759                  |                            |                |       | 1,431  |
| 1938                     | 10,983              | 3,481                      | 14,464         | 2,015 | 16,479 | 1,034                |                            |                |       | 1,728  |
| 1939                     | 11,608              | 3,820                      | 15,428         | 2,106 | 17,534 | 1,272                |                            |                |       | 2,037  |
| 1940                     | 12,848              | 4,094                      | 16,942         | 2,134 | 19,076 | 1,527                |                            |                |       | 2,288  |
| 1941                     | 13,425              | 4,188                      | 17,613         | 1,956 | 19,569 | 1,526                |                            |                |       | 2,228  |
| 1942                     | 15,451              | 4,459                      | 19,910         | 2,002 | 21,912 | 1,724                |                            |                |       | 2,401  |
| 1943                     | 16,829              | 5,397                      | 22,226         | 2,254 | 24,482 | 2,080                |                            |                |       | 2,865  |
| 1944                     | 17,921              | 6,012                      | 23,933         | 2,245 | 26,178 | 2,367                | 279                        | 2,646          | 408   | 3,054  |
| 1945                     | 15,359              | 6,002                      | 21,361         | 2,330 | 23,691 | 1,311                | 335                        | 1,646          | 426   | 2,066  |
| 1946                     | 13,795              | 6,724                      | 20,519         | 2,415 | 22,934 | 1,344                | 353                        | 1,697          | 439   | 2,136  |
| 1947                     | 16,236              | 4,943                      | 21,179         | 2,179 | 23,358 | 1,722                | 277                        | 1,999          | 403   | 2,402  |
| 1948                     | 14,721              | 4,582                      | 19,303         | 1,997 | 21,300 | 1,680                | 252                        | 1,932          | 389   | 2,321  |
| 1949                     | 15,632              | 4,212                      | 19,844         | 1,818 | 21,662 | 1,923                | 270                        | 2,193          | 341   | 2,534  |
| 1950                     | 16,040              | 4,323                      | 20,363         | 1,716 | 22,079 | 2,009                | 309                        | 2,318          | 313   | 2,631  |
| 1951                     | 15,886              | 4,333                      | 20,219         | 1,690 | 21,909 | 2,225                | 342                        | 2,567          | 297   | 2,864  |

<sup>1</sup> Excludes meat production under Federal inspection in Hawaii and the Virgin Islands, 1940 to date.<sup>2</sup> Includes meat produced from animals slaughtered under the emergency Government relief-purchasing programs.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

## MEAT AND MEAT PRODUCTS

TABLE 510.—Meats and meat food products: Quantity prepared and processed under Federal inspection, 1945-51<sup>1</sup>

| Product   | 1945            | 1946            | 1947            | 1948            | 1949            | 1950            | 1951            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|   | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds | 1,000<br>pounds |
| Meat placed in cure:                                      |                 |                 |                 |                 |                 |                 |                 |
| Beef.....   | 113,129         | 68,442          | 124,029         | 112,540         | 111,400         | 115,240         | 105,832         |
| Pork.....   | 2,402,085       | 2,577,861       | 3,029,593       | 3,066,223       | 3,370,670       | 3,448,683       | 3,618,354       |
| Smoked and/or dried:                                      |                 |                 |                 |                 |                 |                 |                 |
| Beef.....   | 44,242          | 28,072          | 68,103          | 56,649          | 51,272          | 58,434          | 59,951          |
| Pork.....   | 1,487,354       | 1,599,312       | 1,840,341       | 1,885,816       | 2,025,066       | 2,163,021       | 2,401,934       |
| Sausage:  |                 |                 |                 |                 |                 |                 |                 |
| Fresh, finished.....                                      | 479,161         | 315,569         | 246,968         | 231,836         | 238,084         | 268,470         | 214,627         |
| Smoked and/or cooked.....                                 | 1,101,153       | 973,675         | 1,019,089       | 932,457         | 964,577         | 719,066         | 1,047,833       |
| To be dried or semidried.....                             | 135,881         | 109,398         | 136,503         | 108,835         | 115,500         | 122,811         | 114,188         |
| Loaf, headcheese, chile con carne, jellied products, etc. | 249,762         | 208,409         | 191,123         | 184,954         | 174,896         | 184,310         | 193,454         |
| Cooked meat:  |                 |                 |                 |                 |                 |                 |                 |
| Beef.....   | 32,712          | 24,726          | 33,339          | 27,288          | 29,300          | 52,608          | 57,405          |
| Pork.....   | 323,096         | 426,106         | 526,138         | 524,621         | 598,097         | 524,581         | 445,682         |
| Canned meat and meat food products:                       |                 |                 |                 |                 |                 |                 |                 |
| Beef.....   | 268,385         | 146,173         | 136,452         | 116,417         | 79,683          | 80,160          | 173,624         |
| Pork.....   | 850,530         | 644,266         | 447,471         | 458,896         | 491,631         | 530,348         | 573,727         |
| Sausage.....  | 151,865         | 70,192          | 117,976         | 87,066          | 76,793          | 84,547          | 119,297         |
| Soup.....   | 339,860         | 392,618         | 419,173         | 451,919         | 408,468         | 420,731         | 443,731         |
| All other.....  | 655,280         | 482,204         | 397,479         | 433,880         | 391,615         | 538,595         | 601,322         |
| Bacon, sliced.....  | 382,675         | 522,918         | 589,091         | 609,492         | 712,743         | 749,452         | 773,435         |
| Lard:   |                 |                 |                 |                 |                 |                 |                 |
| Rendered.....   | 1,213,855       | 1,263,212       | 1,632,749       | 1,600,601       | 1,820,995       | 1,902,879       | 2,111,779       |
| Refined.....  | 1,005,255       | 1,046,816       | 1,243,736       | 1,194,742       | 1,423,391       | 1,357,399       | 1,606,460       |
| Rendered pork fat:  |                 |                 |                 |                 |                 |                 |                 |
| Rendered.....   | 97,089          | 80,297          | 89,729          | 79,575          | 102,330         | 106,509         | 104,664         |
| Refined.....  | 66,472          | 54,808          | 50,602          | 44,608          | 58,659          | 56,189          | 54,665          |
| Oleo stock.....   | 135,190         | 81,867          | 100,404         | 74,943          | 94,697          | 106,323         | 87,223          |
| Edible tallow.....  | 103,358         | 62,150          | 88,432          | 61,775          | 76,549          | 74,148          | 64,785          |
| Compound containing animal fat.....                       | 264,472         | 263,166         | 253,774         | 215,832         | 214,983         | 278,245         | 263,527         |
| Margarine containing animal fat.....                      | 49,666          | 33,284          | 36,292          | 16,723          | 25,321          | 21,762          | 20,358          |
| Miscellaneous.....  | 46,631          | 40,452          | 60,478          | 77,005          | 99,188          | 640,053         | 1,145,190       |
| Total.....  | 12,019,160      | 11,515,993      | 12,870,064      | 12,653,290      | 13,755,917      | 14,604,594      | 16,403,047      |

<sup>1</sup> The figures in this table do not represent production, as a product may be inspected more than once in course of further manufacture and some products processed are not under Federal inspection.

Bureau of Animal Industry.



## DAIRY AND POULTRY PRODUCTS, 1952

TABLE 578.—Chickens: Number on farms, and value, United States, Jan. 1, 1909-52<sup>1</sup>

| Year              | Number    |           |                  |                |              | Value per head | Total value   |
|-------------------|-----------|-----------|------------------|----------------|--------------|----------------|---------------|
|                   | Hens      | Pullets   | Hens and pullets | Other chickens | All chickens |                |               |
|                   | Thousands | Thousands | Thousands        | Thousands      | Thousands    | Cents          | 1,000 dollars |
| 1909              |           |           | 304,819          | 35,381         | 340,200      | 43.8           | 149,008       |
| 1910 <sup>1</sup> |           |           |                  |                | 280,341      |                |               |
| 1910              |           |           | 318,965          | 37,023         | 355,988      | 47.3           | 168,382       |
| 1911              |           |           | 341,860          | 39,680         | 381,540      | 45.6           | 173,982       |
| 1912              |           |           | 329,070          | 38,196         | 367,266      | 42.2           | 154,986       |
| 1913              |           |           | 326,744          | 37,926         | 364,670      | 46.5           | 169,572       |
| 1914              |           |           | 328,389          | 38,116         | 366,505      | 49.1           | 179,954       |
| 1915              |           |           | 339,773          | 39,438         | 379,211      | 46.5           | 176,333       |
| 1916              |           |           | 331,034          | 38,424         | 369,458      | 49.1           | 181,404       |
| 1917              |           |           | 322,093          | 37,386         | 359,479      | 59.4           | 213,531       |
| 1918              |           |           | 325,581          | 37,791         | 363,372      | 77.5           | 281,613       |
| 1919              |           |           | 350,662          | 40,702         | 391,364      | 95.5           | 373,753       |
| 1920 <sup>1</sup> |           |           |                  |                | 369,637      |                |               |
| 1920              |           |           | 341,474          | 39,635         | 381,109      | 97.2           | 370,438       |
| 1921              |           |           | 331,632          | 38,493         | 370,125      | 89.3           | 330,522       |
| 1922              |           |           | 353,875          | 41,075         | 394,950      | 80.8           | 319,120       |
| 1923              |           |           | 371,930          | 43,170         | 415,100      | 74.6           | 309,665       |
| 1924              |           |           | 389,626          | 45,227         | 434,853      | 76.1           | 330,859       |
| 1925 <sup>1</sup> |           |           |                  |                | 409,291      | 92.6           | 379,011       |
| 1925              |           |           | 390,517          | 44,481         | 434,998      | 79.3           | 344,880       |
| 1926              |           |           | 393,849          | 44,151         | 438,000      | 88.5           | 387,659       |
| 1927              |           |           | 414,875          | 46,124         | 460,999      | 90.6           | 417,846       |
| 1928              |           |           | 427,139          | 47,858         | 474,997      | 85.8           | 407,574       |
| 1929              |           |           | 403,774          | 45,232         | 449,006      | 91.1           | 408,946       |
| 1930 <sup>1</sup> |           |           |                  |                | 378,878      | 84.9           | 321,625       |
| 1930              | 167,139   | 253,312   | 420,451          | 48,040         | 468,491      | 92.8           | 434,830       |
| 1931              | 158,214   | 243,562   | 401,776          | 47,967         | 449,743      | 70.3           | 315,968       |
| 1932              | 156,178   | 229,648   | 385,826          | 50,989         | 436,815      | 61.5           | 268,767       |
| 1933              | 154,037   | 236,706   | 390,743          | 53,780         | 444,523      | 44.9           | 199,753       |
| 1934              | 146,997   | 238,344   | 385,341          | 48,596         | 433,937      | 42.0           | 182,424       |
| 1935 <sup>1</sup> |           |           |                  |                | 371,603      | 51.6           | 191,504       |
| 1935              | 138,609   | 211,798   | 350,407          | 39,551         | 389,958      | 54.4           | 212,071       |
| 1936              | 136,187   | 226,432   | 362,619          | 40,827         | 403,446      | 75.5           | 304,725       |
| 1937              | 130,445   | 249,309   | 379,754          | 44,167         | 423,921      | 65.6           | 278,120       |
| 1938              | 137,958   | 215,006   | 352,964          | 36,660         | 389,624      | 75.6           | 294,718       |
| 1939              | 134,331   | 241,810   | 376,141          | 42,450         | 418,591      | 70.0           | 292,852       |
| 1940 <sup>1</sup> |           |           |                  |                | 337,949      | 66.0           | 189,088       |
| 1940              | 139,079   | 253,576   | 392,655          | 45,633         | 438,288      | 60.5           | 265,000       |
| 1941              | 141,430   | 239,885   | 381,315          | 41,526         | 422,841      | 65.4           | 276,460       |
| 1942              | 150,170   | 277,741   | 427,911          | 49,024         | 476,935      | 83.3           | 397,509       |
| 1943              | 170,337   | 318,622   | 488,959          | 53,088         | 542,047      | 104.0          | 563,986       |
| 1944              | 174,000   | 349,587   | 523,587          | 58,610         | 582,197      | 118.0          | 685,901       |
| 1945 <sup>1</sup> |           |           |                  |                | 433,111      | 123.0          | 531,860       |
| 1945              | 172,426   | 301,454   | 473,880          | 42,617         | 516,497      | 121.0          | 626,259       |
| 1946              | 150,712   | 322,108   | 472,820          | 50,407         | 523,227      | 127.0          | 662,734       |
| 1947              | 150,490   | 280,956   | 431,446          | 35,771         | 467,217      | 144.0          | 672,690       |
| 1948              | 139,587   | 277,983   | 417,570          | 32,074         | 449,644      | 144.0          | 648,293       |
| 1949              | 141,044   | 258,336   | 399,380          | 31,496         | 430,876      | 166.0          | 716,344       |
| 1950 <sup>1</sup> |           |           |                  |                | 342,464      |                |               |
| 1950              | 137,014   | 286,759   | 423,773          | 32,776         | 456,549      | 136.0          | 622,994       |
| 1951              | 146,340   | 263,860   | 410,200          | 32,457         | 442,657      | 146.0          | 644,951       |
| 1952 <sup>1</sup> | 144,312   | 278,913   | 423,225          | 30,273         | 453,498      | 153.0          | 694,391       |

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> United States census as of Apr. 1.<sup>3</sup> United States census as of Jan. 1.<sup>4</sup> Preliminary.

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TABLE 582.—Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1950<sup>1</sup>

| State and<br>division   | Number              |   |                            |                                     |                |   |                | Pounds          |   |                 | Price<br>per<br>pound | Value of<br>chickens<br>pro-<br>duced | Cash<br>receipts<br>(sales) | Value of<br>chickens<br>con-<br>sumed<br>on<br>farms <sup>2</sup> | Gross<br>income <sup>3</sup> |
|-------------------------|---------------------|---|----------------------------|-------------------------------------|----------------|---|----------------|-----------------|---|-----------------|-----------------------|---------------------------------------|-----------------------------|---|------------------------------|
|                         | Raised <sup>1</sup> | Loss of<br>mature<br>birds <sup>1</sup> | Pro-<br>duced <sup>1</sup> | Change in<br>inventory <sup>1</sup> |                | Con-<br>sumed<br>in farm<br>house-<br>hold <sup>1</sup> | Sold           | Pro-<br>duced   | Con-<br>sumed<br>in farm<br>house-<br>hold <sup>1</sup> | Sold            |                       |                                       |                             |   |                              |
|                         |                     |   |                            | Increase                            | Decrease       |   |                |                 |   |                 |                       |                                       |                             |   |                              |
|                         | Thou-<br>sands      | Thou-<br>sands                          | Thou-<br>sands             | Thou-<br>sands                      | Thou-<br>sands | Thou-<br>sands  | Thou-<br>sands | 1,000<br>pounds | 1,000<br>pounds   | 1,000<br>pounds | Cents                 | 1,000<br>dollars                      | 1,000<br>dollars            | 1,000<br>dollars  | 1,000<br>dollars             |
| Maine.....              | 5,883               | 547                                     | 5,336                      | 73                                  |                | 299   | 4,964          | 28,695          | 1,495   | 26,806          | 25.0                  | 7,174                                 | 6,702                       | 374   | 7,076                        |
| New Hampshire.....      | 5,370               | 521                                     | 4,849                      |                                     | 151            | 190   | 4,810          | 26,480          | 855   | 26,455          | 25.9                  | 6,858                                 | 6,852                       | 221   | 7,073                        |
| Vermont.....            | 1,619               | 164                                     | 1,454                      |                                     | 127            | 186   | 1,395          | 7,960           | 986   | 7,672           | 25.9                  | 2,062                                 | 1,987                       | 255   | 2,242                        |
| Massachusetts.....      | 8,623               | 1,021                                   | 7,599                      | 80                                  |                | 413   | 7,106          | 40,869          | 2,065   | 38,372          | 26.5                  | 10,830                                | 10,169                      | 547   | 10,716                       |
| Rhode Island.....       | 1,046               | 106                                     | 940                        | 13                                  |                | 57  | 870            | 4,700           | 285   | 4,350           | 26.2                  | 1,231                                 | 1,140                       | 75  | 1,215                        |
| Connecticut.....        | 5,964               | 714                                     | 5,270                      |                                     | 85             | 317   | 5,038          | 25,823          | 1,553   | 24,686          | 26.5                  | 6,843                                 | 6,542                       | 412   | 6,954                        |
| New York.....           | 19,447              | 2,679                                   | 16,768                     | 198                                 |                | 2,007   | 14,563         | 82,163          | 9,834   | 71,359          | 28.1                  | 23,088                                | 20,052                      | 2,763   | 22,815                       |
| New Jersey.....         | 14,656              | 2,853                                   | 11,803                     | 1,537                               |                | 831   | 9,435          | 55,474          | 3,906   | 44,344          | 27.6                  | 15,311                                | 12,239                      | 1,078   | 13,317                       |
| Pennsylvania.....       | 33,379              | 5,313                                   | 28,066                     | 715                                 |                | 3,389   | 23,962         | 135,395         | 16,945  | 115,018         | 27.3                  | 36,963                                | 31,400                      | 4,626   | 36,026                       |
| North Atlantic.....     | 96,006              | 13,921                                  | 82,085                     | 2,253                               |                | 7,689   | 72,143         | 407,559         | 37,924  | 359,062         | 27.0                  | 110,360                               | 97,083                      | 10,351  | 107,434                      |
| Ohio.....               | 26,483              | 4,002                                   | 22,481                     | 108                                 |                | 5,105   | 17,268         | 107,398         | 23,994  | 82,886          | 22.9                  | 24,594                                | 18,981                      | 5,495   | 24,476                       |
| Indiana.....            | 23,002              | 3,164                                   | 24,838                     |                                     | 240            | 4,530   | 20,548         | 114,021         | 18,573  | 96,578          | 21.7                  | 24,743                                | 20,957                      | 4,030   | 24,987                       |
| Illinois.....           | 29,671              | 3,831                                   | 25,840                     |                                     | 911            | 6,115   | 20,636         | 117,029         | 26,294  | 94,926          | 22.0                  | 25,746                                | 20,884                      | 5,785   | 26,669                       |
| Michigan.....           | 18,690              | 2,191                                   | 16,499                     |                                     | 429            | 2,756   | 14,172         | 80,845          | 13,504  | 69,443          | 24.7                  | 19,969                                | 17,152                      | 3,335   | 20,487                       |
| Wisconsin.....          | 21,458              | 2,783                                   | 18,675                     |                                     | 530            | 3,848   | 15,357         | 84,037          | 17,316  | 69,106          | 23.0                  | 19,329                                | 15,894                      | 3,983   | 19,877                       |
| East North Central..... | 124,304             | 15,971                                  | 108,333                    |                                     | 2,002          | 22,354  | 87,981         | 503,330         | 99,681  | 412,937         | 22.7                  | 114,381                               | 93,868                      | 22,628  | 116,496                      |
| Minnesota.....          | 30,124              | 4,139                                   | 25,985                     |                                     | 670            | 5,384   | 21,271         | 117,916         | 23,151  | 97,847          | 17.1                  | 20,164                                | 16,732                      | 3,959   | 20,691                       |
| Iowa.....               | 45,719              | 5,173                                   | 40,246                     |                                     | 1,117          | 6,821   | 34,542         | 190,452         | 30,012  | 165,802         | 19.2                  | 36,567                                | 31,834                      | 5,762   | 37,596                       |
| Missouri.....           | 29,234              | 3,036                                   | 26,198                     |                                     | 1,501          | 7,751   | 19,948         | 112,760         | 27,904  | 91,761          | 20.7                  | 23,341                                | 18,995                      | 5,776   | 24,771                       |
| North Dakota.....       | 6,142               | 925                                     | 5,217                      |                                     | 243            | 1,635   | 3,825          | 23,344          | 6,867   | 17,595          | 19.3                  | 4,505                                 | 3,396                       | 1,325   | 4,721                        |
| South Dakota.....       | 12,988              | 1,717                                   | 11,271                     |                                     | 372            | 2,531   | 9,112          | 51,455          | 10,377  | 42,826          | 17.3                  | 8,902                                 | 7,409                       | 1,795   | 9,204                        |
| Nebraska.....           | 22,249              | 2,439                                   | 19,810                     |                                     | 607            | 4,938   | 15,479         | 86,182          | 19,258  | 69,656          | 17.4                  | 14,996                                | 12,120                      | 3,351   | 15,471                       |
| Kansas.....             | 21,729              | 2,782                                   | 18,947                     |                                     | 858            | 6,115   | 13,690         | 77,192          | 22,014  | 58,867          | 16.7                  | 12,891                                | 9,831                       | 3,676   | 13,507                       |
| West North Central..... | 168,185             | 20,511                                  | 147,674                    |                                     | 5,368          | 35,175  | 117,867        | 659,301         | 139,583   | 544,354         | 18.4                  | 121,366                               | 100,317                     | 25,644  | 125,961                      |



|                     |         |        |         |        |         |         |           |         |           |      |         |         |         |         |
|---------------------|---------|--------|---------|--------|---------|---------|-----------|---------|-----------|------|---------|---------|---------|---------|
| Delaware.....       | 1,640   | 216    | 1,424   | 58     | 240     | 1,242   | 6,360     | 1,032   | 5,589     | 27.4 | 1,743   | 1,531   | 283     | 1,814   |
| Maryland.....       | 5,539   | 753    | 4,786   | 172    | 1,213   | 3,745   | 21,531    | 5,095   | 17,227    | 26.6 | 5,727   | 4,582   | 1,355   | 5,937   |
| Virginia.....       | 10,758  | 1,638  | 9,120   | 184    | 5,342   | 3,962   | 37,209    | 18,697  | 19,414    | 23.8 | 8,856   | 4,621   | 4,450   | 9,071   |
| West Virginia.....  | 4,678   | 690    | 3,988   | 426    | 1,730   | 2,684   | 17,306    | 6,920   | 12,346    | 24.6 | 4,257   | 3,037   | 1,702   | 4,739   |
| North Carolina..... | 17,549  | 2,355  | 15,194  | 1      | 8,992   | 6,201   | 57,582    | 29,674  | 27,904    | 22.4 | 12,898  | 6,250   | 6,647   | 12,897  |
| South Carolina..... | 7,824   | 1,148  | 6,676   | 196    | 5,410   | 1,462   | 23,838    | 18,394  | 6,287     | 25.8 | 6,150   | 1,622   | 4,746   | 6,368   |
| Georgia.....        | 12,440  | 1,786  | 10,654  | 87     | 6,754   | 3,987   | 36,823    | 21,613  | 15,549    | 24.9 | 9,169   | 3,872   | 5,382   | 9,254   |
| Florida.....        | 5,149   | 828    | 4,321   | 40     | 1,326   | 3,035   | 15,025    | 4,243   | 10,926    | 28.7 | 4,312   | 3,136   | 1,218   | 4,354   |
| South Atlantic..... | 65,577  | 9,414  | 56,163  | 1,162  | 31,007  | 26,318  | 215,674   | 105,668 | 115,242   | 24.9 | 53,112  | 28,651  | 25,783  | 54,434  |
| Kentucky.....       | 16,839  | 1,887  | 14,952  | 1,096  | 7,919   | 8,129   | 60,067    | 27,716  | 37,393    | 19.7 | 11,833  | 7,366   | 5,460   | 12,826  |
| Tennessee.....      | 15,640  | 1,763  | 13,877  | 1,275  | 6,462   | 8,690   | 53,760    | 22,617  | 36,498    | 19.7 | 10,591  | 7,190   | 4,456   | 11,646  |
| Alabama.....        | 12,600  | 1,636  | 10,964  | 370    | 6,344   | 4,990   | 36,243    | 17,763  | 19,960    | 23.2 | 8,408   | 4,631   | 4,121   | 8,752   |
| Mississippi.....    | 11,468  | 1,581  | 9,887   | 533    | 5,529   | 4,891   | 31,723    | 16,034  | 17,608    | 25.0 | 7,931   | 4,402   | 4,008   | 8,410   |
| Arkansas.....       | 11,665  | 1,166  | 10,499  | 370    | 4,262   | 6,607   | 38,784    | 13,212  | 27,089    | 20.5 | 7,951   | 5,553   | 2,708   | 8,261   |
| Louisiana.....      | 8,253   | 1,099  | 7,154   | 209    | 4,663   | 2,760   | 27,469    | 17,253  | 11,040    | 28.0 | 7,688   | 3,091   | 4,831   | 7,922   |
| Oklahoma.....       | 14,550  | 1,858  | 12,692  | 765    | 4,717   | 8,740   | 47,466    | 15,566  | 34,960    | 17.8 | 8,449   | 6,223   | 2,771   | 8,994   |
| Texas.....          | 31,292  | 4,898  | 26,424  | 1,544  | 10,866  | 17,102  | 88,607    | 32,598  | 61,567    | 21.8 | 19,316  | 13,422  | 7,106   | 20,528  |
| South Central.....  | 122,307 | 15,798 | 106,509 | 6,162  | 50,762  | 61,909  | 384,107   | 162,759 | 246,115   | 21.1 | 82,167  | 51,878  | 35,461  | 87,339  |
| Montana.....        | 3,360   | 391    | 2,969   | 179    | 1,056   | 2,092   | 12,450    | 4,224   | 8,996     | 26.2 | 3,262   | 2,357   | 1,107   | 3,464   |
| Idaho.....          | 3,238   | 427    | 2,811   | 118    | 1,030   | 1,899   | 11,600    | 4,120   | 7,976     | 22.9 | 2,656   | 1,827   | 943     | 2,770   |
| Wyoming.....        | 1,227   | 139    | 1,088   | 22     | 388     | 722     | 4,236     | 1,436   | 2,888     | 28.0 | 1,186   | 809     | 402     | 1,211   |
| Colorado.....       | 5,115   | 584    | 4,531   | 311    | 1,443   | 3,399   | 18,000    | 5,339   | 13,936    | 20.0 | 3,600   | 2,787   | 1,068   | 3,855   |
| New Mexico.....     | 1,535   | 243    | 1,292   | 88     | 589     | 791     | 4,568     | 1,826   | 3,085     | 21.7 | 991     | 669     | 396     | 1,065   |
| Arizona.....        | 994     | 133    | 861     | 13     | 232     | 616     | 3,328     | 812     | 2,464     | 28.7 | 955     | 707     | 233     | 940     |
| Utah.....           | 3,986   | 634    | 3,352   | 124    | 413     | 3,063   | 12,866    | 1,404   | 11,946    | 20.7 | 2,663   | 2,473   | 291     | 2,764   |
| Nevada.....         | 344     | 43     | 301     | 2      | 95      | 204     | 1,205     | 361     | 836       | 27.3 | 329     | 228     | 99      | 327     |
| Washington.....     | 7,862   | 884    | 6,978   | 111    | 1,575   | 5,514   | 30,613    | 6,300   | 24,813    | 22.3 | 6,827   | 5,533   | 1,405   | 6,938   |
| Oregon.....         | 5,463   | 760    | 4,703   | 196    | 1,114   | 3,787   | 21,188    | 4,679   | 17,420    | 22.6 | 4,788   | 3,937   | 1,067   | 4,994   |
| California.....     | 25,627  | 4,684  | 20,943  | 315    | 3,026   | 18,232  | 83,445    | 9,986   | 74,751    | 23.9 | 19,943  | 17,865  | 2,387   | 20,252  |
| Western.....        | 58,751  | 8,922  | 49,829  | 1,451  | 10,961  | 40,319  | 203,499   | 40,487  | 169,111   | 23.2 | 47,200  | 39,192  | 9,398   | 48,680  |
| United States.....  | 635,130 | 84,537 | 550,593 | 13,892 | 167,948 | 406,537 | 2,373,470 | 586,102 | 1,846,821 | 22.3 | 528,586 | 410,989 | 129,255 | 540,244 |

<sup>1</sup> Does not include commercial broiler production.

<sup>2</sup> Total chicks hatched less death loss of chicks and young chickens during the year.

<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.

<sup>4</sup> Chickens raised less death loss during the year of mature chickens on hand Jan. 1.

<sup>5</sup> Change in Jan. 1 inventory numbers during the year.

<sup>6</sup> Chickens consumed in households of farm producers.

<sup>7</sup> Value of sales plus value of those consumed in households of producers.

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TABLE 583.—Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1951<sup>1</sup>

| State and<br>division   | Number         |                              |                 |                          |                |  |                | Pounds          |  |                 | Price<br>per<br>pound | Value of<br>chickens<br>pro-<br>duced | Cash<br>receipts<br>(sales) | Value of<br>chickens<br>con-<br>sumed<br>on<br>farms * | Gross<br>income * |
|-------------------------|----------------|------------------------------|-----------------|--------------------------|----------------|--|----------------|-----------------|--|-----------------|-----------------------|---------------------------------------|-----------------------------|--|-------------------|
|                         | Raised *       | Loss of<br>mature<br>birds * | Pro-<br>duced * | Change in<br>inventory * |                | Con-<br>sumed<br>in farm<br>house-<br>hold * | Sold           | Pro-<br>duced   | Con-<br>sumed<br>in farm<br>house-<br>hold * | Sold            |                       |                                       |                             |  |                   |
|                         |                |                              |                 | Increase                 | Decrease       |  |                |                 |  |                 |                       |                                       |                             |  |                   |
|                         | Thou-<br>sands | Thou-<br>sands               | Thou-<br>sands  | Thou-<br>sands           | Thou-<br>sands | Thou-<br>sands                               | Thou-<br>sands | 1,000<br>pounds | 1,000<br>pounds                              | 1,000<br>pounds | Cents                 | 1,000<br>dollars                      | 1,000<br>dollars            | 1,000<br>dollars                                       | 1,000<br>dollars  |
| Maine.....              | 6,471          | 594                          | 5,877           | 471                      | .....          | 269  | 5,137          | 32,189          | 1,345  | 28,254          | 28.5                  | 9,174                                 | 8,052                       | 383  | 8,435             |
| New Hampshire.....      | 5,477          | 439                          | 5,038           | 114                      | .....          | 186  | 4,738          | 26,589          | 874  | 25,111          | 28.8                  | 7,658                                 | 7,232                       | 252  | 7,484             |
| Vermont.....            | 1,877          | 136                          | 1,741           | 21                       | .....          | 193  | 1,527          | 9,498           | 984  | 8,398           | 29.8                  | 2,830                                 | 2,503                       | 293  | 2,706             |
| Massachusetts.....      | 8,795          | 923                          | 7,872           | 30                       | .....          | 376  | 7,466          | 42,358          | 1,880  | 40,316          | 30.6                  | 12,962                                | 12,337                      | 575  | 12,912            |
| Rhode Island.....       | 1,046          | 96                           | 950             | 13                       | .....          | 57   | 880            | 4,929           | 285  | 4,576           | 30.2                  | 1,489                                 | 1,382                       | 86   | 1,468             |
| Connecticut.....        | 7,480          | 621                          | 6,859           | 94                       | .....          | 307  | 6,458          | 35,545          | 1,474  | 33,582          | 30.1                  | 10,699                                | 10,108                      | 444  | 10,552            |
| New York.....           | 22,364         | 2,413                        | 19,951          | 925                      | .....          | 1,887  | 17,139         | 101,751         | 9,624  | 87,409          | 30.8                  | 31,339                                | 28,922                      | 2,964  | 29,886            |
| New Jersey.....         | 16,854         | 2,901                        | 13,953          | 1,345                    | .....          | 873  | 11,735         | 68,108          | 4,016  | 57,502          | 31.0                  | 21,113                                | 17,826                      | 1,245  | 19,071            |
| Pennsylvania.....       | 38,386         | 5,983                        | 32,403          | 839                      | .....          | 3,355  | 28,209         | 162,350         | 17,110                                       | 141,045         | 30.0                  | 48,705                                | 42,314                      | 5,133  | 47,447            |
| North Atlantic.....     | 108,750        | 14,106                       | 94,644          | 3,852                    | .....          | 7,503  | 83,289         | 483,317         | 37,592                                       | 426,193         | 30.2                  | 145,969                               | 128,676                     | 11,375   | 140,051           |
| Ohio.....               | 27,013         | 3,659                        | 23,354          | 1,136                    | .....          | 5,258  | 16,960         | 112,857         | 24,187                                       | 83,104          | 26.4                  | 29,794                                | 21,939                      | 6,385  | 28,324            |
| Indiana.....            | 27,442         | 3,120                        | 24,322          | 549                      | .....          | 4,802  | 18,971         | 110,952         | 19,208                                       | 89,164          | 24.9                  | 27,627                                | 22,202                      | 4,783  | 26,985            |
| Illinois.....           | 29,988         | 4,108                        | 25,880          | 245                      | .....          | 6,178  | 19,439         | 116,485         | 25,939                                       | 89,419          | 24.3                  | 28,306                                | 21,729                      | 6,303  | 28,032            |
| Michigan.....           | 19,811         | 2,109                        | 17,702          | 225                      | .....          | 2,921  | 14,556         | 85,554          | 14,605                                       | 69,869          | 28.2                  | 24,126                                | 19,703                      | 4,119  | 23,822            |
| Wisconsin.....          | 21,887         | 2,837                        | 19,050          | .....                    | 85             | 4,040  | 15,095         | 85,726          | 18,180                                       | 67,928          | 24.4                  | 20,917                                | 16,574                      | 4,436  | 21,010            |
| East North Central..... | 126,121        | 15,833                       | 110,288         | 2,070                    | .....          | 23,197                                       | 85,021         | 511,574         | 102,119                                      | 399,484         | 25.6                  | 130,770                               | 102,147                     | 26,026   | 128,173           |
| Minnesota.....          | 30,726         | 4,283                        | 26,443          | .....                    | 185            | 4,576  | 22,052         | 117,621         | 19,219                                       | 99,234          | 19.4                  | 22,818                                | 19,251                      | 3,728  | 22,979            |
| Iowa.....               | 44,805         | 5,283                        | 39,522          | 344                      | .....          | 6,616  | 32,562         | 186,398         | 28,449                                       | 156,298         | 21.0                  | 39,144                                | 32,823                      | 5,974  | 38,797            |
| Missouri.....           | 30,988         | 3,431                        | 27,557          | .....                    | 155            | 7,286  | 20,426         | 115,422         | 26,230                                       | 89,874          | 23.4                  | 27,009                                | 21,031                      | 6,138  | 27,169            |
| North Dakota.....       | 7,125          | 874                          | 6,251           | 252                      | .....          | 1,749  | 4,250          | 28,330          | 7,171  | 19,975          | 20.4                  | 5,779                                 | 4,075                       | 1,463  | 5,538             |
| South Dakota.....       | 14,547         | 1,560                        | 12,987          | 413                      | .....          | 2,607  | 9,967          | 58,437          | 10,689                                       | 45,848          | 19.3                  | 11,278                                | 8,849                       | 2,063  | 10,912            |
| Nebraska.....           | 23,361         | 2,330                        | 21,031          | 217                      | .....          | 5,185  | 15,629         | 89,426          | 19,703                                       | 68,768          | 20.3                  | 18,153                                | 13,960                      | 4,000  | 17,960            |
| Kansas.....             | 22,598         | 2,757                        | 19,841          | 264                      | .....          | 6,115  | 13,462         | 81,036          | 22,014                                       | 57,887          | 19.9                  | 16,126                                | 11,520                      | 4,381  | 15,901            |
| West North Central..... | 174,150        | 20,518                       | 153,632         | 1,150                    | .....          | 34,134                                       | 118,348        | 676,670         | 133,475                                      | 537,884         | 20.7                  | 140,307                               | 111,509                     | 27,747   | 130,256           |



|                |         |        |         |        |         |         |           |         |           |      |         |         |         |         |
|----------------|---------|--------|---------|--------|---------|---------|-----------|---------|-----------|------|---------|---------|---------|---------|
| Delaware       | 1,689   | 225    | 1,464   | 26     | 247     | 1,191   | 6,514     | 1,037   | 5,360     | 27.8 | 1,811   | 1,490   | 288     | 1,778   |
| Maryland       | 5,539   | 682    | 4,857   | 34     | 1,128   | 3,695   | 21,891    | 4,738   | 16,997    | 29.1 | 6,370   | 4,946   | 1,379   | 6,325   |
| Virginia       | 11,081  | 1,783  | 9,298   | 187    | 5,342   | 3,769   | 37,686    | 18,697  | 18,091    | 26.3 | 9,911   | 4,758   | 4,917   | 9,675   |
| West Virginia  | 4,678   | 739    | 3,939   | 162    | 1,644   | 2,457   | 16,903    | 6,576   | 11,056    | 26.2 | 4,429   | 2,897   | 1,723   | 4,620   |
| North Carolina | 18,251  | 2,603  | 15,648  | 925    | 8,992   | 5,731   | 59,626    | 29,674  | 25,790    | 25.9 | 15,443  | 6,680   | 7,686   | 14,366  |
| South Carolina | 8,606   | 1,205  | 7,401   | 329    | 5,572   | 1,500   | 25,338    | 18,388  | 5,700     | 28.1 | 7,120   | 1,602   | 5,167   | 6,769   |
| Georgia        | 12,316  | 1,766  | 10,550  | 269    | 7,024   | 3,257   | 37,286    | 22,477  | 13,679    | 27.0 | 10,067  | 3,693   | 6,069   | 9,762   |
| Florida        | 5,509   | 890    | 4,619   | 178    | 1,220   | 3,221   | 16,385    | 4,148   | 11,596    | 29.1 | 4,768   | 3,374   | 1,207   | 4,581   |
| South Atlantic | 67,669  | 9,893  | 57,776  | 1,786  | 31,169  | 24,821  | 221,629   | 105,735 | 108,269   | 27.2 | 59,919  | 29,440  | 28,436  | 57,876  |
| Kentucky       | 16,502  | 1,712  | 14,790  | 2      | 8,236   | 6,552   | 58,150    | 28,002  | 30,139    | 24.9 | 14,479  | 7,505   | 6,972   | 14,477  |
| Tennessee      | 15,796  | 1,851  | 13,945  | 27     | 6,462   | 7,456   | 54,045    | 22,617  | 31,315    | 23.4 | 12,647  | 7,328   | 5,292   | 12,620  |
| Alabama        | 12,978  | 1,640  | 11,338  | 133    | 6,344   | 4,861   | 36,740    | 17,763  | 18,472    | 25.2 | 9,258   | 4,645   | 4,476   | 9,121   |
| Mississippi    | 11,697  | 1,548  | 10,149  | 39     | 5,087   | 5,101   | 33,991    | 15,261  | 18,874    | 26.8 | 9,110   | 5,058   | 4,090   | 9,148   |
| Arkansas       | 11,898  | 1,111  | 10,787  | 89     | 4,347   | 6,529   | 38,801    | 13,041  | 26,116    | 23.0 | 8,924   | 6,007   | 2,999   | 9,006   |
| Louisiana      | 8,005   | 997    | 7,008   | 4      | 4,663   | 2,341   | 26,167    | 16,787  | 9,364     | 29.1 | 7,615   | 2,725   | 4,885   | 7,610   |
| Oklahoma       | 14,986  | 1,803  | 13,183  | 363    | 5,142   | 8,404   | 47,814    | 16,454  | 32,776    | 22.0 | 10,519  | 7,211   | 3,620   | 10,831  |
| Texas          | 31,605  | 5,471  | 26,134  | 197    | 10,649  | 15,288  | 86,145    | 31,947  | 53,508    | 23.2 | 19,986  | 12,414  | 7,412   | 19,826  |
| South Central  | 123,467 | 16,133 | 107,334 | 128    | 50,930  | 56,532  | 381,853   | 161,872 | 220,564   | 24.0 | 92,538  | 52,893  | 39,746  | 92,639  |
| Montana        | 3,830   | 391    | 3,439   | 69     | 1,024   | 2,346   | 14,239    | 4,096   | 9,853     | 27.0 | 3,845   | 2,660   | 1,106   | 3,766   |
| Idaho          | 3,400   | 438    | 2,962   | 55     | 1,030   | 1,877   | 11,939    | 4,017   | 7,696     | 25.8 | 3,080   | 1,986   | 1,036   | 3,022   |
| Wyoming        | 1,202   | 135    | 1,067   | 9      | 427     | 649     | 4,289     | 1,665   | 2,661     | 25.1 | 1,077   | 668     | 418     | 1,066   |
| Colorado       | 5,933   | 586    | 5,347   | 35     | 1,457   | 3,855   | 20,561    | 5,891   | 15,034    | 23.2 | 4,770   | 3,488   | 1,251   | 4,739   |
| New Mexico     | 1,489   | 203    | 1,286   | 2      | 560     | 728     | 4,550     | 1,792   | 2,766     | 22.5 | 1,024   | 622     | 403     | 1,025   |
| Arizona        | 944     | 156    | 788     | 61     | 251     | 598     | 2,972     | 878     | 2,332     | 30.0 | 892     | 700     | 263     | 963     |
| Utah           | 4,584   | 579    | 4,005   | 72     | 425     | 3,508   | 14,376    | 1,488   | 12,629    | 24.1 | 3,465   | 3,044   | 359     | 3,403   |
| Nevada         | 378     | 43     | 335     | 2      | 104     | 229     | 1,309     | 385     | 916       | 29.6 | 387     | 271     | 114     | 385     |
| Washington     | 9,434   | 960    | 8,474   | 331    | 1,701   | 6,442   | 35,250    | 6,804   | 27,056    | 26.5 | 9,341   | 7,170   | 1,803   | 8,973   |
| Oregon         | 5,900   | 828    | 5,072   | 161    | 1,081   | 3,830   | 22,391    | 4,432   | 17,235    | 25.7 | 5,754   | 4,429   | 1,139   | 5,568   |
| California     | 29,215  | 4,852  | 24,363  | 1,458  | 2,723   | 20,182  | 99,874    | 8,986   | 84,764    | 26.5 | 26,467  | 22,462  | 2,381   | 24,843  |
| Western        | 66,309  | 9,171  | 57,138  | 2,111  | 10,783  | 44,244  | 231,750   | 39,934  | 182,942   | 26.0 | 60,102  | 47,500  | 10,373  | 57,773  |
| United States  | 666,466 | 85,654 | 580,812 | 10,841 | 157,716 | 412,255 | 2,506,793 | 580,727 | 1,875,336 | 25.2 | 629,605 | 472,165 | 143,603 | 615,768 |

<sup>1</sup> Does not include commercial broiler production.

<sup>2</sup> Total chicks hatched less death loss of chicks and young chickens during the year.

<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.

<sup>4</sup> Chickens raised less death loss during the year of mature chickens on hand Jan. 1.

<sup>5</sup> Change in Jan. 1 inventory numbers during the year.

<sup>6</sup> Chickens consumed in households of farm producers.

<sup>7</sup> Value of sales plus value of those consumed in households of producers.

Bureau of Agricultural Economics.

## EXHIBIT "31"

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## CHICKENS

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Chickens: Distribution of birds in National Poultry Improvement Plan hatchery supply flocks by breed and variety, 1941-51 and comparisons for matched States, 1946 and 1951

| Year beginning July | States reporting | Total birds | New Hampshire | Single Comb White Leghorn | White Wyandotte | Barred Plymouth Rock | Rhode Island Red | White Wyandotte | Cross-mated | Other   | Total   |
|---------------------|------------------|-------------|---------------|---------------------------|-----------------|----------------------|------------------|-----------------|-------------|---------|---------|
|                     | Number           | Number      | Percent       | Percent                   | Percent         | Percent              | Percent          | Percent         | Percent     | Percent | Percent |
| 1941                | 33               | 10,712,027  | 21.2          | 24.1                      | 15.6            | 16.2                 | 12.7             | 3.1             | 2.0         | 5.2     | 100.0   |
| 1942                | 40               | 15,780,980  | 19.2          | 26.6                      | 18.3            | 15.7                 | 8.9              | 2.8             | 3.0         | 5.5     | 100.0   |
| 1943                | 42               | 20,331,999  | 19.4          | 25.9                      | 19.7            | 13.9                 | 8.3              | 2.6             | 5.5         | 4.7     | 100.0   |
| 1944                | 39               | 17,574,321  | 20.6          | 25.8                      | 17.5            | 12.4                 | 5.0              | 2.3             | 9.8         | 3.7     | 100.0   |
| 1945                | 32               | 20,276,904  | 23.8          | 23.1                      | 17.0            | 11.4                 | 7.7              | 2.0             | 11.3        | 3.7     | 100.0   |
| 1946                | 38               | 24,490,346  | 23.4          | 25.4                      | 17.4            | 10.0                 | 6.5              | 2.0             | 11.1        | 4.2     | 100.0   |
| 1947                | 42               | 25,118,247  | 25.9          | 24.7                      | 15.2            | 10.2                 | 6.8              | 1.7             | 12.4        | 3.1     | 100.0   |
| 1948                | 44               | 26,458,372  | 31.9          | 25.7                      | 13.2            | 7.8                  | 5.6              | 1.3             | 11.9        | 2.6     | 100.0   |
| 1949                | 47               | 36,195,375  | 38.8          | 21.9                      | 10.4            | 6.3                  | 4.3              | 1.0             | 15.1        | 2.2     | 100.0   |
| 1950                | 47               | 33,804,603  | 38.9          | 21.6                      | 10.1            | 5.8                  | 4.1              | .9              | 16.4        | 2.2     | 100.0   |
| 1951                | 47               | 37,559,597  | 41.4          | 18.9                      | 11.9            | 4.0                  | 3.3              | .6              | 17.7        | 2.2     | 100.0   |

## COMPARISONS FOR MATCHED STATES:

|      |    |            |      |      |      |      |     |     |      |     |       |
|------|----|------------|------|------|------|------|-----|-----|------|-----|-------|
| 1946 | 38 | 24,490,346 | 23.4 | 25.4 | 17.4 | 10.0 | 6.5 | 2.0 | 11.1 | 4.2 | 100.0 |
| 1951 | 38 | 32,758,233 | 40.3 | 18.2 | 12.6 | 3.5  | 3.1 | .7  | 19.4 | 2.2 | 100.0 |

<sup>1</sup> Data on cross-mated flocks are not truly indicative of the situation since in several States birds in such flocks are reported under the respective purebred heading and in some States those flocks are cross-mated only for a portion of the year to produce broilers; for the remainder of the year they are mated as purebreds for the production of purebred chicks.

<sup>2</sup> To show the trend in popularity of birds during the past 5 years, data from 38 States which reported in both 1946 and 1951 are given. States not included are: California, Colorado, Connecticut, Maryland, Nevada, New Mexico, New York, Oregon, Tennessee, and West Virginia.

Bureau of Animal Industry.

TABLE 588.—Chickens: Commercial broiler production, and gross income, United States, 1934-51<sup>1</sup>

| Year | Production |              | Price per pound | Gross income <sup>2</sup> | Year | Production |              | Price per pound | Gross income <sup>2</sup> |
|------|------------|--------------|-----------------|---------------------------|------|------------|--------------|-----------------|---------------------------|
|      | Number     | Pounds       |                 |                           |      | Number     | Pounds       |                 |                           |
|      | Thousands  | 1,000 pounds | Cents           | 1,000 dollars             |      | Thousands  | 1,000 pounds | Cents           | 1,000 dollars             |
| 1934 | 34,030     | 96,662       | 19.3            | 18,694                    | 1943 | 285,293    | 832,837      | 28.6            | 238,262                   |
| 1935 | 42,890     | 122,884      | 20.1            | 24,651                    | 1944 | 264,999    | 790,346      | 28.7            | 227,104                   |
| 1936 | 53,155     | 152,447      | 20.7            | 31,493                    | 1945 | 365,572    | 1,107,174    | 29.5            | 327,059                   |
| 1937 | 67,915     | 195,916      | 21.4            | 41,876                    | 1946 | 292,527    | 883,855      | 32.7            | 288,603                   |
| 1938 | 82,420     | 239,508      | 19.0            | 45,609                    | 1947 | 310,168    | 936,442      | 32.3            | 302,170                   |
| 1939 | 105,630    | 306,272      | 17.0            | 52,059                    | 1948 | 370,515    | 1,126,643    | 36.0            | 405,171                   |
| 1940 | 142,762    | 414,074      | 17.3            | 71,729                    | 1949 | 513,296    | 1,570,197    | 28.2            | 442,530                   |
| 1941 | 191,502    | 559,605      | 18.4            | 103,111                   | 1950 | 630,816    | 1,938,000    | 27.4            | 530,147                   |
| 1942 | 228,187    | 674,087      | 22.9            | 154,650                   | 1951 | 791,878    | 2,419,104    | 28.5            | 690,486                   |

<sup>1</sup> By commercial broiler is meant young chickens of the heavy breeds to be marketed at from 2 to 5 pounds live weight and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

Bureau of Agricultural Economics.



EXHIBIT "32"

UNITED STATES DEPARTMENT OF AGRICULTURE  
PRODUCTION AND MARKETING ADMINISTRATION  
POULTRY BRANCH

REGULATIONS GOVERNING THE GRADING AND INSPECTION OF POULTRY AND EDIBLE PRODUCTS THEREOF  
AND UNITED STATES CLASSES, STANDARDS, AND GRADES WITH RESPECT THERETO

(Reprinted from the Federal Register of June 5, 1951, April 24, 1952, February 4, and April 14, 1953)  
Washington 25, D. C. Effective May 15, 1953.

The regulations hereinafter promulgated as Part 70 of the Code of Federal Regulations are pursuant to authority contained in the Agricultural Marketing Act of 1946 (60 Stat. 1087; 7 U. S. C. 1621 et seq.) and the Department of Agriculture Appropriation Act, 1951 (Pub. Law 759, 81st Cong., approved September 6, 1950), and will supersede the currently effective provisions of Part 70. The amendment hereinafter promulgated is pursuant to authority contained in the Agricultural Marketing Act of 1946 (60 Stat. 1087; 7 U. S. C. 1621 et seq.) and the Department of Agriculture Appropriation Act of 1952 (Pub. Law 135, 82d Cong., approved Aug. 31, 1951).

The amendment prohibits the grade labeling of individual carcasses of dressed poultry after June 30, 1953; permits under certain conditions the grading and inspection of dressed poultry produced in Canadian registered poultry dressing stations; makes minor changes in the class names of turkeys and in the standards for quality of poultry; modifies certain provisions in the sanitary requirements; and makes minor changes in several other sections of the regulations to more clearly set forth the intent of those sections.

After consideration of all relevant matters presented, including the proposals set forth in the aforesaid notices, the amendment hereinafter set forth is promulgated to become effective upon publication in the Federal Register.

The regulations which were issued July 1, 1951 and amended April 24, 1952, March 4, 1953 and May 15, 1953 are herein reprinted as amended.

The amended regulations are as follows:

PART 70—GRADING AND INSPECTION OF POULTRY AND EDIBLE PRODUCTS THEREOF; AND UNITED STATES CLASSES, STANDARDS, AND GRADES WITH RESPECT THERETO

SUBPART A—RULES GOVERNING THE GRADING AND INSPECTION OF POULTRY AND EDIBLE PRODUCTS THEREOF

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AUTHORITY: §§ 70.1 to 70.105 issued under sec. 205, 60 Stat. 1090, Pub. Law 759, 81st Cong., 7 U. S. C. 1624.

SUBPART A—GRADING AND INSPECTION OF POULTRY AND EDIBLE PRODUCTS THEREOF

DEFINITIONS

§ 70.1 Definitions. Unless the context otherwise requires, the following terms shall have the following meaning:

(a) "Act" means the following provisions of the Agricultural Marketing Act of 1946 (60 Stat. 1087; 7 U. S. C. 1621 et seq.) and the Department of Agriculture Appropriation Act of 1951 (Pub. Law 759, 81st Cong., approved September 6, 1950), or any other act of Congress conferring like authority:

AGRICULTURAL MARKETING ACT OF 1946

... to develop and improve standards of quality, condition, quantity, grade and packaging, and recommend and demonstrate such standards in order to encourage uniformity and consistency in commercial practices ...

To inspect, certify, and identify the class, quality, quantity, and condition of agricultural products when shipped or received in interstate commerce under such rules and regulations as the Secretary of Agriculture may prescribe, including assessment and collection of such fees as will be reasonable and as nearly as may be to cover the cost of the service rendered, to the end that agricultural products may be marketed to the best advantage, that trading may be facilitated, and that consumers may be able to obtain the quality products which they desire.



DEPARTMENT OF AGRICULTURE APPROPRIATION  
ACT, 1951

• • • Market inspection of farm products: For the investigation and certification, in one or more jurisdictions, to shippers and other interested parties of the class, quality, and condition of any agricultural commodity or food product, whether raw, dried, canned, or otherwise processed, and any product containing an agricultural commodity or derivative thereof when offered for interstate shipment or when received at such important central markets as the Secretary may from time to time designate, or at points which may be conveniently reached therefrom under such rules and regulations as he may prescribe, including payment of such fees as will be reasonable and as nearly as may be to cover the cost for the service rendered.

Marketing farm products: For acquiring and diffusing among the people of the United States useful information relative to the needed supplies, standardization, classification, grading, preparation for market, handling, transportation, storage, and marketing of farm and food products, including the demonstration and promotion of the use of uniform standards of classification of American farm and food products throughout the world.

(b) "Acceptable" means suitable for the purpose intended and acceptable to the Administration.

(c) "Administration" means the Production and Marketing Administration of the Department.

(d) "Administrator" means the Administrator of the Production and Marketing Administration of the Department, or any other officer or employee of the Department to whom there has heretofore been delegated, or to whom there may hereafter be delegated, the authority to act in his stead.

(e) "Applicant" means any interested party who requests any inspection service or grading service.

(f) "Carcass" means any poultry carcass.

(g) "Circuit supervisor" means the officer in charge of the poultry inspection service in a circuit consisting of a group of stations within an area.

(h) "Class" means any subdivision of a product based on essential physical characteristics that differentiate between major groups of the same kind or between species.

(i) "Condition" means any condition, including but not being limited to, the state of preservation, cleanliness, or soundness of any product; or any condition, including but not limited to, the processing, handling, or packaging which affects such product.

(j) "Condition and wholesomeness" means the condition of any product and its healthfulness and fitness for human food.

(k) "Department" means the United States Department of Agriculture.

(l) "Dressed poultry" means poultry which has been slaughtered for human food with head, feet, and viscera intact and from which the blood and feathers have been removed.

(m) "Edible poultry byproduct" means any giblets or any edible part of dressed poultry other than eviscerated poultry.

(n) "Edible product" means any product other than live poultry and dressed poultry.

(o) "Food product containing poultry product" means any article of food for human consumption which is prepared in part from any edible portion of dressed

poultry or from any product derived wholly from such edible portion, if such edible portion or product does not comprise a substantial portion of such article of food.

(p) "Free from protruding pinfeathers" means that the carcass is free from protruding pinfeathers which are visible to an inspector or grader during an examination of the carcass at normal operating speeds. However, a carcass may be considered as being free from protruding pinfeathers if it has a generally clean appearance and if not more than an occasional pinfeather is in evidence (other than on the breast) during a more careful examination of the carcass.

(q) "Giblets" means the liver from which the bile sac has been removed, the heart from which the pericardial sac has been removed, and the gizzard from which the lining and contents have been removed: *Provided*, That each such organ has been properly trimmed and washed.

(r) "Grader" means any employee of the Department authorized by the Secretary, or any other individual to whom a license has been issued by the Secretary, to investigate and certify, in accordance with the regulations in this part, the class, quality, quantity, and condition of products.

(s) "Grading" or "grading service" means: (1) The act whereby a grader determines, according to the regulations in this part, the class, quality, quantity, or condition of any product by examining each unit thereof, or each unit of the representative sample thereof drawn by a grader, and issues a grading certificate with respect thereto; (2) in addition to the foregoing, the act whereby the grader identifies, according to the regulations in this part, the graded product; (3) with respect to an official plant, the act whereby a grader determines that the products in such plant are processed, handled, and packaged in accordance with § 70.39; and (4) any regrading or any appeal grading of a previously graded product.

(t) "Grading certificate" means a statement, either written or printed, issued by a grader, pursuant to the regulations in this part, relative to the class, quality, quantity, or condition of a product.

(u) "Identify" means to apply official identification to products or the containers thereof.

(v) "Inspected and certified" or "certified" means, with respect to any product, that it has undergone an inspection and was found, at the time of such inspection, to be sound, wholesome, and fit for human food.

(w) "Inspection", "inspection service", or "inspection of products for condition and wholesomeness" means any inspection by an inspector to determine, in accordance with the regulations in this part, (1) the condition and wholesomeness of dressed poultry, or (2) the condition and wholesomeness of any edible product at any stage of the preparation or packaging thereof in the official plant where inspected and certified, or (3) the condition and wholesomeness of any previously inspected and certified product if such product has not lost its identity as an inspected and certified product. In addition to the foregoing, the terms "inspection" and "inspection service" shall each mean any inspection by an

inspector to determine, in accordance with the regulations in this part, (1) the condition of dressed poultry as it applies to the processing, handling or packaging of such product, or (2) any ante-mortem examination of poultry.

(x) "Inspection certificate" means a statement, either written or printed, issued by an inspector, pursuant to the regulations in this part, relative to the condition and wholesomeness of products.

(y) "Inspector" means any person who is licensed by the Secretary to investigate and certify in accordance with the regulations in this part, the condition and wholesomeness of products or the condition of dressed poultry. An inspector is an employee of the Department or of a State; he may be a graduate veterinarian or a layman.

(z) "Interested party" means any person financially interested in a transaction involving any inspection or grading.

(aa) "National supervisor" means (1) the officer in charge of the poultry inspection service of the Administration, (2) the officer in charge of the poultry grading service of the Administration, and (3) such other officers or employees of the Department who may be so designated by the officer in charge of the poultry inspection and grading service of the Administration.

(bb) "Office of grading" means the office of any grader.

(cc) "Official identification" means the symbol represented by a stamp, label, seal, or other device approved by the Administrator and affixed to any product, or to any container thereof, stating that the product was inspected or graded or both. The class, quality or condition of such product as determined by a grader may be indicated in the "official identification".

(dd) "Official plant" means one or more buildings, or parts thereof, comprising a single plant in which the facilities and methods of operation therein have been approved by the Administrator as suitable and adequate for operation under inspection or grading service and in which inspection or grading is carried on in accordance with the regulations in this part.

(ee) "Person" means any individual, partnership, association, business trust, corporation, or any organized group of persons, whether incorporated or not.

(ff) "Potable water" means water which complies with the U. S. Public Health Service drinking water standards.

(gg) "Poultry" means any kind of domesticated bird, including, but not being limited to chickens, turkeys, ducks, geese, pigeons, and guineas.

(hh) "Poultry food product" means any article of human food or any article intended for or capable of being so used which is prepared or derived in whole or in substantial part, from any edible portion of dressed poultry.

(ii) "Poultry grading and inspection service" means the personnel who are actively engaged in the administration, application, and direction of poultry grading and inspection programs and services pursuant to the regulations in this part.

(jj) "Product" means each of the following: (1) Dressed poultry; (2) ready-to-cook poultry; (3) edible poultry byproduct; (4) poultry food product; and (5) with respect to grading service only, live poultry.



(kk) "Quality" means the inherent properties of any product which determines its relative degree of excellence.

(ll) "Ready-to-cook poultry" means any dressed poultry from which the protruding pinfeathers, vestigial feathers (hair or down as the case may be) head, shanks, crop, oil gland, trachea, esophagus, entrails, reproductive organs and lungs have been removed, and with or without the giblets, is ready to cook without need of further processing. Ready-to-cook poultry also means any cut-up or disjointed portion of poultry prepared as described in this paragraph.

(mm) "Regional supervisor" means any employee of the Department in charge of poultry grading service or poultry inspection service in a designated geographical area.

(nn) "Regulations" means the provisions of this entire part and such United States classes, standards, and grades for products as may be in effect at the time grading or inspection is performed.

(oo) "Secretary" means the Secretary of the Department, or any other officer or employee of the Department to whom there has heretofore been delegated or to whom there may hereafter be delegated, the authority to act in his stead.

(pp) "Soundness" means freedom from external evidence of any disease or condition which may render a carcass unfit for food.

(qq) "State supervisor" means any authorized and designated individual who is in charge of the poultry grading service or the poultry inspection service in a State. A State supervisor of poultry inspection service shall be a veterinarian and he is either a Federal-State employee or a Federal employee.

(rr) "Station supervisor" means any authorized individual who is designated to supervise the poultry grading service or the poultry inspection service in a large official plant or in a group of several smaller plants.

#### ADMINISTRATION

**§ 70.2 Administration.** The Administrator shall perform for and under the supervision of the Secretary, such duties as are prescribed in the regulations in this part and as the Secretary may require in the administration of the regulations in this part.

#### GENERAL

**§ 70.3 Grading and inspection services available.** The regulations in this part provide for the following kinds of service; and any one or more of the different services, applicable to official plants, may be rendered in an official plant:

- (a) Grading of live poultry.
- (b) Certification of dressed poultry produced under sanitary requirements in official plants.
- (c) Grading of dressed poultry. (1) In an official plant.
- (2) At terminal markets and other receiving points.
- (d) Inspection of dressed poultry in official plants for processing as ready-to-cook poultry.
- (e) Grading of ready-to-cook poultry. (1) In an official plant.
- (2) At terminal markets and other receiving points.
- (f) Inspection service in official canning plants.

**§ 70.4 Basis of service.** (a) Any inspection service in accordance with the regulations in this part shall be for condition and wholesomeness but, with respect to dressed poultry, as such, the inspection may be for condition only.

(b) Any grading service in accordance with the regulations in this part shall be for class, quality, quantity, or condition or any combination thereof. Grading service with respect to determination of quality of products shall be on the basis of United States classes, standards, and grades as contained in Subpart B of the regulations in this part. However, grading service may be rendered with respect to products which are bought and sold on the basis of institutional contract specifications and such service, when approved by the Administrator, shall be rendered on the basis of the specifications of such contract.

(c) Continuous grading service in an official plant other than the service provided in § 70.3 (b) may be rendered only when a majority of the graders' time each month is utilized in performing grading for quality on the basis of the United States standards set forth in Subpart B of the regulations in this part.

(d) All grading service and all inspection service shall be subject to supervision at all times by the applicable station supervisor, State supervisor, circuit supervisor, regional supervisor, and national supervisor. Such services shall be rendered where the facilities and conditions are satisfactory for the conduct of the service and the requisite graders and inspectors are available.

(e) *Dressed poultry to be eligible for grading or inspection service shall have been processed in official plants.* Except as otherwise provided herein, only dressed poultry which was processed in an official plant in accordance with the regulations in this part, and dressed poultry which was processed in Canadian registered poultry dressing stations operated in accordance with such methods and procedures as are acceptable to the Administrator, may be graded or inspected in an official plant. Squabs and domesticated game birds (including, but not being limited to, quail, grouse, pheasants, and wild ducks and geese) which were not dressed in an official plant may be brought into an official plant for grading or inspection. In order to facilitate distribution thereof, dressed poultry from other than official plants may be brought into an official plant only in instances where the Administration can determine that such dressed poultry will be adequately segregated and its form and identity maintained until it is shipped from the official plant.

(f) *Inspection in official plants; extent required.* All dressed poultry that is eviscerated in an official plant where inspection service is maintained shall be processed in a sanitary manner; and no uninspected edible products or uninspected slaughtered rabbits may be brought into such plant. Dressed poultry may be eviscerated in such plant without inspection for condition and wholesomeness, but uninspected and inspected operations may not be carried on simultaneously except in plants where processing rooms (including packing rooms) are separate and effective segregation

of inspected and uninspected products is maintained, and an inspector or a governmentally employed grader is on duty, at all times when plant operations are carried on, for the purpose of (1) effecting adequate segregation of the inspected and uninspected product; (2) control of official inspection marks and grade marks, and (3) supervision of sanitation in the official plant.

(g) *Certification of dressed poultry produced under sanitary requirements.* With respect to any official plant, dressed poultry, as such, may be certified by a grader as having been processed, handled and packed in accordance with the minimum standards for sanitation, facilities, and operating procedures in official plants. However, in official plants which have available the services of an inspector who is authorized to inspect for condition and wholesomeness, such inspector is also authorized to certify dressed poultry, as such, as having been processed, handled, and packed in accordance with the minimum standards for sanitation, facilities, and operating procedures in official plants. Appropriate grading or inspection processing reports shall be issued with respect thereto as required by the regulations in this part. The bulk containers of such dressed poultry which has been certified as aforesaid, if to be officially identified, shall be marked for identification purposes as provided in § 70.11 (e). All of the poultry that is processed in such official plant as dressed poultry, shall be prepared in accordance with the regulations in this part and under the supervision of a grader or inspector.

(h) *Examination of ready-to-cook poultry which was not processed in official plants.* When approved by the Administrator, ready-to-cook poultry which was not processed in an official plant may be examined by a grader or inspector at terminal markets and other receiving points to determine (1) the type and condition of the containers of such poultry, (2) whether or not such poultry is in a frozen or fresh state, (3) the extent of visible damage in instances where the product has been subjected to rough and improper handling, and (4) the class and quantity of the product involved. Such poultry shall not be officially identified as a graded or inspected product.

**§ 70.5 Performance of services—(a) Licensed graders and inspectors.** (1) Any person who is a Federal or State employee possessing proper qualifications as determined by an examination for competency, and who is to perform grading service or inspection service may be licensed by the Secretary as a grader or an inspector.

(2) Any prospective grader, other than a Federal or State employee possessing proper qualifications as determined by an examination for competency and who is to perform grading service may be licensed by the Secretary as a grader. However, prior to granting of the license, he shall procure and deliver to the Administration a surety bond, issued by such surety as may be approved by the Administrator, in the amount of \$1,000 for the proper performance of the duties of such licensee under the regulations in this part.

(3) All licenses issued by the Secretary shall be countersigned by the officer in



charge of the poultry grading and inspection service of the Administration or any other designated official of such service.

(b) *Suspension of license or authority; revocation.* Pending final action by the Secretary, the officer in charge of the poultry grading and inspection service may, whenever he deems such action necessary, suspend any license or authority effective pursuant to the regulations in this part, by giving notice of such suspension to the respective individual involved, accompanied by a statement of the reasons therefor. Within seven days after the receipt of the aforesaid notice and statement of reasons by such individual, he may file an appeal, in writing, with the Secretary supported by any argument or evidence that he may wish to offer as to why his license or authority should not be suspended or revoked. After the expiration of the aforesaid seven-day period and consideration of such argument and evidence, the Secretary will take such action as he deems appropriate with respect to such suspension or revocation. When no appeal is filed within the prescribed seven days the license is revoked.

(c) *Surrender of license.* Each license which is suspended, or revoked, or has expired shall promptly be surrendered by the licensee to his immediate superior. Upon termination of the services of a licensed grader or inspector the licensee shall promptly surrender his license to his immediate superior.

(d) *Identification.* Each grader and inspector shall have in his possession at all times, and present upon request while on duty, the means of identification furnished by the Department to such person.

(e) *Financial interest of inspectors and graders.* No inspector shall inspect and no grader shall grade for quality any product in which he is financially interested.

(f) *Political activity.* All graders and inspectors who are employees of the Department are forbidden during the period of their respective appointments, or licenses, to take an active part in political management or in political campaigns. Political activity in city, county, State, or national elections, whether primary or regular, or in behalf of any party or candidate, or any measure to be voted upon, is prohibited. This applies to all appointees, including, but not being limited to, temporary and cooperative employees and employees on leave of absence with or without pay. Willful violation of this section will constitute grounds for dismissal in the case of appointees and revocation of licenses in the case of licensees.

**§ 70.6 Applying for grading service or inspection service—**(a) *Who may obtain grading service or inspection service.* An application for grading service or inspection service may be made by any interested person, including, but not being limited to, the United States, any State, county, municipality, or common carrier, and any authorized agent of the foregoing.

(b) *How application may be made.* (1) An application for inspection service must be made in writing and filed with the Administrator.

(2) An application for grading service to be rendered in an official plant must be made in writing and filed with the Administrator.

(3) An application for any grading service to be rendered other than in an official plant may be made in any office of grading, or with any grader at or nearest the place where the service is desired. Such application may be made orally, in writing, or by telegraph. If the application for grading service is made orally, the office of grading or the grader with whom the application is made, or the Administrator may require that the application be confirmed in writing.

(4) Each application for grading service or inspection service shall include such information as may be required by the Administrator in regard to the products and premises where the service is to be rendered.

(c) *Filing of application.* An application for grading service or inspection service shall be regarded as filed only when made pursuant to the regulations in this part.

(d) *Authority of applicant.* Proof of the authority of any person applying for grading service or inspection service may be required at the discretion of the Administrator.

(e) *Application for inspection service or grading service in official plants; approval.* Any person desiring to process and pack products in a plant under grading service or inspection service, or both, must receive approval of such plant and facilities as an official plant prior to the rendition of such service. An application for grading service or inspection service to be rendered in an official plant shall be approved according to the following procedure:

(1) *Initial survey.* When application has been filed for grading service or inspection service, as aforesaid, the regional supervisor, or his assistant, shall examine the plant, premises, and facilities and shall specify any additional or necessary facilities required for the service. Appeals with respect to any such specification may be made to the national supervisor.

(2) *Drawings and specifications to be furnished in advance of construction or alterations.* Four copies of drawings, consisting of floor plans of space to be included in the official plant, showing the locations of such features as the principal pieces of equipment, floor drains, hand washing facilities, hose connections for clean-up purposes, cardinal points of the compass, and the routes of dressed poultry, and edible and inedible products through the plant, properly drawn to scale, shall be submitted to the regional supervisor. The official plant shall include toilet and dressing rooms, office space for the inspector and grader, store rooms for supplies used in the operations under inspection or grading, feeding rooms, and all rooms, compartments or passageways where products or any ingredients to be used in the preparation of products under inspection service or grading service will be handled or kept, and may include other rooms or compartments located in the buildings comprising the official plant. If rooms or compartments shown on the drawings are not to be included as part of the official plant this should be clearly indicated thereon. Specifications

covering the height of ceilings, types of principal pieces of equipment, character of floors, walls, and ceilings, lighting, ventilation, water supply, and drainage, and such other notations as may be required, shall accompany the drawings. Construction or remodeling of buildings, facilities, or premises should not be initiated without prior approval of the drawings. Upon approval of drawings and specifications the application for grading service or inspection service may be approved.

(3) *Final survey and plant approval.* Prior to the inauguration of the grading service, or inspection service, a final survey of the plant and premises shall be made by the regional supervisor or his assistant to determine if the plant is constructed and facilities are installed in accordance with the approved drawings, and the regulations in this part. The plant may be approved by the Administrator only when these requirements have been met, except that conditional approval for a specified limited time may be granted only under emergency conditions of restricted availability of facilities and construction materials, provided practices suitable to the Administrator are employed to effect adequate sanitary conditions in the plant.

(f) *Rejection of application.* Any application for grading or inspection service may be rejected by the Administrator (1) whenever the applicant fails to meet the requirements of the regulations prescribing the conditions under which the service is made available; (2) whenever the product is owned by or located on the premises of a person currently denied the benefits of the act; (3) where any individual holding office or a responsible position with or having a substantial financial interest or share in the applicant is currently denied the benefits of the act or was responsible in whole or in part for the current denial of the benefits of the act to any person; or (4) where he determines that the application is an attempt on the part of a person currently denied the benefits of the act to obtain grading or inspection service. Each such applicant shall be notified promptly of the reasons for the rejection. A written petition for reconsideration of such rejection may be filed by the applicant with the Administrator within 10 days after notice of the rejection. Such petition shall state specifically the errors alleged to have been made by the Administrator in rejecting the application. Within 20 days following the receipt of such a petition for reconsideration, the Administrator shall approve the application or notify the applicant of the reasons for the rejection thereof.

(g) *Withdrawal of application.* Any application for grading or inspection service may be withdrawn by the applicant at any time before the service is performed upon payment by the applicant of all expenses incurred by the Administration in connection with such application.

(h) *Order of service.* Grading service or inspection service shall be performed, insofar as practicable, in the order in which application therefor is made except that precedence may be given to any application for an appeal inspection or appeal grading.



(i) *Suspension of plant approval.* Any plant approval given pursuant to the regulations in this part may be suspended by the Administrator for (1) failure to maintain plant and equipment in a satisfactory state of repair; (2) the use of operating procedures which are not in accordance with the regulations in this part; or (3) alterations of buildings, facilities, or equipment which cannot be approved in accordance with the regulations in this part.

During such period of suspension inspection and grading service shall not be rendered. However, the other provisions of the contract for service will remain in effect unless terminated in accordance with the terms thereof. If the plant facilities or methods of operation are not brought into compliance within a reasonable period of time, to be specified by the Administrator, the contract shall be terminated. Upon termination of any contract providing for inspection or grading service in an official plant pursuant to the regulations in this part, the plant approval shall also become terminated, and all labels, seals, tags or packaging material bearing official identification shall, under the supervision of a person designated by the Administration, either be destroyed, or the official identification completely obliterated, or sealed in a manner acceptable to the Administration.

§ 70.7 *Denial of service.* (a) The following acts or practices may be deemed sufficient cause for the debarment of any person by the Administrator from any or all benefits of the act for a specified period after notice and opportunity for hearing has been accorded him:

(1) *Misrepresentation, deceptive, or fraudulent acts or practices.* Any wilful misrepresentation or any deceptive or fraudulent act or practice found to be made or committed by any person in connection with:

(i) The making or filing of any application for any grading service or inspection service, appeal or regrading service;

(ii) The making of the product accessible for grading or inspection;

(iii) The use of any grading certificate or inspection certificate issued pursuant to the regulations in this part or the use of any official stamp, label, or identification;

(iv) The use of the terms "United States," or "U. S." in conjunction with the grade of the product;

(v) The use of any of the aforesaid terms or an official stamp, label, or identification in the labeling or advertising of any product; or

(vi) The use of the terms "Government graded," "Federal-State graded," "U. S. inspected," "Government inspected," or terms of similar import in the labeling or advertising of any product.

(2) *Use of facsimile forms.* The unauthorized use of a form which simulates in whole or in part any official certificate, stamp, label, or identification authorized to be issued or used under the regulations in this part to evidence the inspection or grade of any product.

(3) *Wilful violation of the regulations.* Any wilful violation of the regulations in this part.

(4) *Interfering with a grader or inspector.* Any interference with or obstruction of any grader or inspector in the performance of his duties by intimidation, threat, bribery, assault or any other improper means.

(5) *Misleading labeling.* The use of the terms "Government graded," "Federal-State graded," or terms of similar import in the labeling of any product without stating in the label the U. S. grade of the product as determined by an authorized grader.

(6) *Miscellaneous.* The existence of any of the conditions set forth in § 70.6 (f) constituting a basis for the rejection of an application for grading or inspection service.

(b) Whenever the Administrator has reason to believe that any person, or his employee, agent, or representative has flagrantly or repeatedly committed any of the acts or practices specified in paragraph (a) of this section, he may without hearing, direct that the benefits of the act be denied such person pending investigation and hearing. A written petition for reconsideration of such interim denial may be filed with the Administrator by any person so denied the benefits of the act within 10 days after notice of the interim denial. Such petition shall state specifically the errors alleged to have been made by the Administrator in denying the benefits of the act pending investigation and hearing. Within 20 days following the receipt of such a petition for reconsideration, the Administrator shall reinstate the benefits of the act or notify the petitioner of the reasons for continued interim denial.

§ 70.9 *Other applicable regulations.* Compliance with the regulations in this part shall not excuse failure to comply with any other Federal, or any State or municipal, applicable laws or regulations.

§ 70.10 *Publications.* Publications under the act and the regulations in this part shall be made in the Federal Register, the Service and Regulatory Announcements of the Department, and such other media as the Administrator may approve for the purpose.

§ 70.11 *Identifying and marking products—*

(a) *Approval of official identification.* Any label or packaging material which bears any official identification shall be used only in such manner as the Administrator may prescribe. No label or packaging material bearing official identification may be used unless finished copies or samples of such labels and packaging material have been approved by the Administrator. No label bearing the official identification shall be printed for use until the printer's final proof has been approved by the Administrator; and no label, other than labels for shipping containers or institutional packs, bearing any official identification shall be used until finished copies or samples of such labels have been approved by the Administrator. Final approval may be given to printer's final proof or photostatic copies of labels for shipping containers or containers for

institutional packs, and no such labels shall be used until such proofs or copies have been approved by the Administrator. A label which bears official identification shall not bear any statement that is false or misleading, and if labels in the name of the same packer or distributor, or bearing the same brand name, are used on the same or similar products which are prepared from products which are not inspected, the diameter of the inspection mark, or combination inspection and grading mark, used on labels for inspected products shall be equal to at least one-tenth of the length of the label, plus at least one-tenth of the width of the label. If the labeling is printed or otherwise applied directly on the container, the principal display panel of such container shall, for this purpose, be considered as the label.

(b) *Products that may be individually grade marked; information required on grade mark.* (1) Only ready-to-cook poultry of A, B, or C quality and dressed poultry of A or B quality may be individually identified with a grade mark. However, after June 30, 1953, only ready-to-cook poultry may be so identified.

(2) Except as otherwise authorized each grade mark which is to be used shall conspicuously indicate the U. S. grade of the product it identifies, and shall indicate the class or whether the bird is "young," or "mature" or "old," and shall include one of the following phrases: "Federal-State graded," "Government graded," or any other similar phrase approved by the Administrator. Such grade mark shall be contained within the outline of a shield of such design as may be approved by the Administrator.

(c) *Use of grade mark and inspection mark with respect to the same product.* The Administrator is authorized to prescribe and approve the form of the grade mark and inspection mark that may be used individually or in combination with respect to the same product.

(d) *Marking inspected products—*(1) *Wording and form of the inspection mark.* Except as otherwise authorized, the inspection mark permitted to be used with respect to inspected and certified edible products shall include wording as follows: "Inspected for wholesomeness by U. S. Department of Agriculture." This wording, in such form as the Administrator may prescribe or approve, shall be contained within a circle. The Administrator may approve the use of abbreviations of such inspection mark; and such approved abbreviations shall have the same force and effect as the inspection mark. The inspection mark or approved abbreviation thereof, as the case may be, may be applied to the inspected and certified edible product or to the packaging material of such product. The inspection mark, or the approved abbreviation thereof, shall, when used on packaging material, be printed on such material or on a label to be affixed to the packaging material, and the name of the packer or distributor of such product must be legibly printed on the packaging material or label, as the case may be, excepting that on shipping



containers and containers for institutional packs the inspection mark may be stenciled on the container and when the inspection mark is so stenciled, the name and address of the packer or distributor may be applied by the use of a stencil or a rubber stamp.

(2) *Wording on labels.* Each trade label to be approved for use pursuant to this section with respect to any inspected and certified edible product shall bear the true name of the edible product, the name and address of the packer or distributor thereof, and, in prominent letters and figures of uniform size, the inspection mark, as aforesaid; and the label shall also bear, in such manner as may be prescribed or approved by the Administrator, the plant number, if any, of the official plant in which such product was inspected and certified.

(3) *Formulas required.* Copies of each trade label submitted for approval pursuant to this section shall, when the Administrator requires, be accompanied by a statement showing the kinds and percentages of the ingredients comprising the edible product with respect to which the label is to be used. Approximate percentages may be given in cases where the percentages of ingredients may vary from time to time, if the limits of variation are stated.

(4) *Wording permitted on food products containing poultry products.* Any trade label which is to be affixed to a container of any food product containing poultry product which is packed under the supervision of an inspector in any official plant may bear the phrase: "The poultry product contained herein has been inspected and certified at a plant where Federal inspection is maintained." Each such trade label shall also be subject to the applicable provisions of this section.

(5) *Labels in foreign languages.* Any trade label to be affixed to a container of any edible products for foreign commerce may be printed in a foreign language. However, the inspection mark shall appear on the label in English, but, in addition, may be literally translated into such foreign language. Each such trade label which is to be printed in a foreign language must be approved pursuant to this section.

(6) *Use of approved labels.* Trade labels approved for use pursuant to this section shall be used only for the purpose for which approved.

(e) *Marking dressed poultry which was certified as having been produced under sanitary requirements.* The Administrator is authorized to prescribe and approve the manner in which dressed poultry which was processed in accordance with minimum standards for sanitation, facilities, and operating procedures in official plants may be marked for identification purposes.

§ 70.12 *Supervision of marking and packaging—(a) Evidence of label approval.* No grader or inspector shall authorize the use of official identification for any graded or inspected product unless he has on file evidence that such official identification or packaging material bearing such official identification has been approved in accordance with the provisions of § 70.11.

(b) *Affixing of official identification.*

(1) No official identification or any abbreviation, copy or representation thereof may be affixed to or placed on or caused to be affixed to or placed on any product or container thereof except by a grader or an inspector or under the supervision of a grader or an inspector or other person authorized by the Administrator. All such products shall have been inspected and certified or graded or both. The grader or inspector shall have supervision over the use and handling of all material bearing any official identification.

(2) Each container of inspected and certified edible products to be shipped from one official plant to another official plant for further processing shall be marked for identification and shall show the following information:

(i) The name of the inspected and certified edible products in the container;

(ii) The name and address of the packer or distributor of such product;

(iii) The net weight of the container;

(iv) The inspection mark permitted to be used pursuant to the regulations in this part, unless the containers are sealed or otherwise identified in such manner as may be approved by the Administrator; and

(v) The plant number of the official plant where the products were packed.

(c) *Removal of official identification.* Official plants which receive dressed poultry or ready-to-cook poultry in containers which bear any official identification shall remove or deface such official identification upon removal of such poultry from the containers.

(d) *Packaging.* No container which bears or may bear an inspection mark or any abbreviation or copy or representation thereof may be filled in whole or in part except with edible products which were inspected and certified and are at the time of such filling, sound, wholesome and fit for human food. All such filling of containers shall be under the supervision of an inspector or grader.

§ 70.13 *Retention labels.* An inspector or grader may use such labels, devices and methods as may be approved by the Administrator for the identification (a) of products which are held for further examination, and (b) all equipment and utensils which are to be held for proper cleaning.

§ 70.14 *Prerequisites to grading and inspection.* Grading and inspection of products shall be rendered pursuant to the regulations in this part and under such conditions and in accordance with such methods as may be prescribed or approved by the Administrator.

§ 70.15 *Accessibility of products.* Each product for which grading service or inspection service is requested shall be so placed as to disclose fully its class, quality, quantity, and conditions as the circumstances may warrant.

§ 70.16 *Time of grading or inspection in an official plant.* The grader or inspector who is to perform the grading or inspection in an official plant shall be in-

formed, in advance, of the hours when such grading or inspection will be required. Graders and inspectors shall have access at all times to every part of any official plant to which they are assigned.

§ 70.17 *Report of inspection work and grading work.* Reports of the work of inspection and grading carried on within official plants shall be forwarded to the Administrator by the inspector and grader in such manner as may be specified by the Administrator.

(a) *Information to be furnished to inspectors and graders.* When inspection service or grading service is performed within an official plant, the applicant for such inspection or grading shall furnish to the inspector or grader rendering such service such information as may be required for the purposes of this section.

(b) *Reports of violations.* Each inspector and each grader shall report, in the manner prescribed by the Administrator, all violations of and noncompliance with the act and the regulations in this part of which he has knowledge.

§ 70.18 *Fees and charges—(a) Payment of fees and charges.* (1) Fees and charges for any grading or inspection shall be paid by the applicant for the service in accordance with the applicable provisions of this section and, if so required by the Administrator, such fees and charges shall be paid in advance.

(2) Fees and charges for any grading or inspection performed by any grader or inspector who is a salaried employee of the Department shall, unless otherwise required pursuant to subparagraph (3) of this paragraph, be paid by check, draft, or money order payable to the Treasurer of the United States and remitted promptly to the Administration.

(3) Fees and charges for any grading or inspection pursuant to a cooperative agreement with any State or person shall be paid in accordance with the terms of such cooperative agreement.

(b) *Grading service on a fee basis.* (1) Unless otherwise provided the fees to be charged and collected for any grading service (other than for an appeal grading) on a fee basis shall be based on the applicable rates specified in paragraph (d) of this section.

(2) In the event the aforesaid applicable rates specified in paragraph (d) of this section are deemed by the Administrator to be inadequate fully to reimburse the Administration for all costs and other items paid or incurred by the Administration in connection with such service, the fees for such service shall not be based on the rates specified in paragraph (d) of this section, but shall be based on the time required to perform such service and the travel of each grader at the rate of \$3.60 per hour for the time actually required.

(3) If an applicant requests that any grading service be performed on a holiday or a non-work day, he may be charged for such service at a rate one and one-half times the rate which would be applicable for such service if performed on a day other than a holiday or non-work day.



(c) *Fees for appeal grading.* The fees to be charged for any appeal grading shall be double the fee specified in the grading certificate from which the appeal is taken: *Provided*, That the fee for any appeal grading requested by the United States, or any agency or instrumentality thereof, shall be not more than that set forth in the grading certificate from which the appeal is taken. If the fee on the certificate from which the appeal is taken is based on a contract, then the fee for such appeal grading shall be double the amount specified in paragraph (d) of this section for the applicable volume of product appeal graded. If the result of any appeal grading discloses that a material error was made in the grading appealed from, no fee shall be required.

(d) *Poultry grading fees.* For each grading of any lot of poultry, whether live, dressed, or ready-to-cook, the following fees shall be applicable:

|   |        |
|---|--------|
| For 500 pounds or less  | \$1.50 |
| For 501 to 1,500 pounds, inclusive  | 2.25   |
| For 1,501 to 3,000 pounds, inclusive  | 3.00   |
| For 3,001 to 6,000 pounds, inclusive  | 4.00   |
| For 6,001 to 10,000 pounds, inclusive   | 6.00   |
| For 10,001 to 20,000 pounds, inclusive  | 10.00  |
| For each additional 10,000 pounds or fraction thereof, in excess of 20,000 pounds | 3.00   |

(e) *Inspection service on a fee basis.* Fees to be charged and collected for inspection services furnished on a fee basis shall be based on the time required to render such services including, but not being limited to, the time required for the travel of the inspector or inspectors in connection therewith, at the rate of \$3.60 per hour for each inspector for the time actually required.

(f) *Fees for additional copies of grading certificates and inspection certificates.* Additional copies, other than those provided for in § 70.30 and § 70.35, of any grading certificates or inspection certificates may be supplied to any interested party upon payment of a fee of \$1.00 for each set of five or fewer copies.

(g) *Traveling expenses and other charges.* Charges may be made to cover the cost of traveling and other expenses incurred by the Administration in connection with the performance of any grading service or inspection service.

(h) *Additional charges.* With respect to any grading service performed in a freight or express car or any other place where the entire lot of the product is not readily accessible to the grader, a charge of \$5.00 shall be made in addition to the applicable rates specified in paragraph (d) of this section.

(i) *On a contract basis.* Fees to be charged and collected for any grading service or inspection service, other than for an appeal grading, on a contract basis shall be those provided for in such contract. The fees to be charged for any appeal grading shall be as provided in paragraph (c) of this section.

(j) *Fees for grading service or inspection service performed under cooperative agreement.* The fees to be charged and collected for any grading service or inspection service performed under cooperative agreement shall be those provided for by such agreement.

(k) *Disposition of fees for inspections made under cooperative agreement.* Fees for inspection under a cooperative agreement with any State or person shall be disposed of in accordance with the terms of such agreement. Such portion of the fees collected under a cooperative agreement as may be due the United States shall be remitted to the Administration.

#### INSPECTION

§ 70.19 *Manner of handling products in an official plant.* Unless otherwise specified in the regulations in this part or by the Administrator, products which are to be further processed under inspection in an official plant shall be prepared and handled in such official plant under the supervision of an inspector.

§ 70.20 *Ante-mortem inspection.* Ante-mortem examination of poultry may be required by the Administrator as a prerequisite to any inspection; and such ante-mortem examination shall be carried out under such conditions and in accordance with such methods as may be prescribed or approved by the Administrator.

§ 70.21 *Evisceration.* No viscera or any part thereof shall be removed from any dressed poultry which is to be processed under inspection in any official plant, except at the time of evisceration and inspection. Each carcass to be eviscerated shall be opened so as to expose the organs and the body cavity for proper examination by the inspector and shall be prepared immediately after inspection as ready-to-cook poultry. If a carcass is frozen, it shall be thoroughly thawed before being opened for examination by the inspector. Each carcass, or all parts comprising such carcass, shall be examined by the inspector: *Provided*, That the Administrator may, whenever he deems it advisable and under such conditions as he may prescribe, authorize the removal from such carcass or parts as aforesaid, of any part thereof prior to such inspection if such part will not be used in the preparation of any edible product.

§ 70.22 *Carcasses held for further examination.* Each carcass, including all parts thereof, in which there is any lesion of disease, or other condition, which might render such carcass or any part thereof unfit for human food, and with respect to which a final decision cannot be made on first examination by the inspector, shall be held for further examination. The identity of each such carcass, including all parts thereof, shall be maintained until a final examination has been completed.

§ 70.23 *Condemnation and treatment of carcasses.* At the time of evisceration under inspection service each carcass, or any part thereof, which is found to be unsound, unwholesome, or otherwise unfit for human food shall be condemned by the inspector and shall receive such treatment, under the supervision of the inspector as will prevent its use for human food and preclude dissemination of disease through consumption by animals.

§ 70.24 *Certification of carcasses.* Each carcass and all parts and organs thereof which are found by the inspector to be sound, wholesome, and fit for human food shall be certified as provided in this part.

§ 70.25 *Reinspection of edible products.* (a) Any inspected and certified edible product may be brought into an official plant only if the container of such product is marked for identification in the manner prescribed in § 70.12 (b) (2) and the product is reinspected by an inspector at the time it is brought into such plant. Upon reinspection, if any such product or portion thereof is found to be unsound, unwholesome, or otherwise unfit for human food, such product or portion thereof, shall be condemned and shall receive such treatment as that provided in § 70.23.

(b) Any product which is prepared under inspection in an official plant shall be inspected in such plant as often as the inspector deems it necessary in order to ascertain whether such product is sound, wholesome, and fit for human food at the time such product leaves such plant. Upon any such inspection, if any such product or portion thereof is found to be unsound, unwholesome, or otherwise unfit for human food, such product or portion thereof shall be condemned and shall receive such treatment as that provided in § 70.23.

(c) All substances and ingredients used in the manufacture or preparation of any edible product shall be clean, sound, wholesome, and fit for human food.

§ 70.26 *Edible products for canning.* Only inspected and certified edible products may be canned in an official plant; and such edible products shall be processed and handled in compliance with the following requirements:

(a) Immediate containers (whether of metal, glass, or other material) shall be cleaned thoroughly by washing in an inverted position with running water of a temperature of at least 180° F. prior to filling with edible products; and precaution shall be taken to avoid any subsequent soiling of the inner surfaces of such containers.

(b) Only perfect closure is acceptable for hermetically sealed containers; and heat processing of the products in such containers shall follow immediately after closing.

(1) Except as provided in paragraph (c) of this section, such products shall be so processed at such temperature and for such period of time as will insure preservation of the products under usual conditions of storage and transportation.

(2) Immediately after closing, and again after the containers have cooled sufficiently for handling after heat processing, careful examination shall be made by competent plant employees of all containers to ascertain whether such containers are perfectly sealed. The edible products in such containers as are defectively closed or sealed shall, as promptly as practicable, be filled into other containers, hermetically sealed, and heat processed unless the containers are promptly placed in a cooler at a



temperature not exceeding 36° F. under conditions that will promptly and effectively chill them. Such chilled containers of products shall be opened and the contents removed and reprocessed immediately after removal from the cooler. *Provided*, That if such containers remained in the cooler for a period of 24-hours or longer, the contents shall be inspected by an inspector prior to the reprocessing thereof. Failure to comply with the provisions of this paragraph shall subject the edible products to condemnation.

(c) After heat processing, and after the containers have cooled sufficiently for handling, the containers shall be examined by competent plant employees and shall not be passed unless showing the external characteristics of sound containers, that is, there is no bulging or slack or loose tin.

(d) After heat processing, any containers of edible products showing characteristics of short vacuum or over-stuffed containers shall, when an inspector deems it necessary in order to determine whether spoilage of the product has taken place, be incubated under the supervision of an inspector, after which the containers shall be opened and sound products passed for food and spoiled products condemned.

(e) Edible products may, when authorized by the national supervisor, and under such conditions as he may prescribe or approve, be canned without steam-pressure cooking, and such products shall be labeled "Perishable, keep under refrigeration."

(f) Each lot of canned edible products shall be identified, during the handling preparatory to heat processing, by tagging the baskets, cases, or containers with a tag which will change color on going through the heat processing or by other effective means which will positively prevent failure to heat process.

(g) Facilities shall be provided to incubate at least representative samples of fully processed canned edible products. The incubation shall consist of holding the samples for at least 10 days at about 98° F. The extent to which incubation tests shall be required will depend on conditions such as the efficiency of the plant in conducting canning operations, the kind of equipment used, and the degree of efficiency at which such equipment is maintained.

(1) In the event the official plant fails to provide suitable facilities for incubation of test samples of any lot of fully processed canned edible products, the inspector in charge may require holding of the entire lot under such conditions and for such period of time as will, in his discretion, be necessary to ascertain the stability of the product.

(2) The inspector in charge may, prior to completion of any required incubation of a representative sample, permit lots of fully processed canned edible products to be shipped from the official plant when he has no reason to suspect unsoundness of such products; however, such shipments shall be made under circumstances which will assure the return of the products to the plant for reinspection should such action be indicated by the incubation results.

(h) All canned products, excepting those in glass, shall be plainly and permanently marked, by code or otherwise, on the containers, with the identity of the contents and date of canning. If the marking is by code, its meaning shall be on record in the office of the inspector in charge.

**§ 70.27. Products contaminated by polluted water; procedure for handling.**

(a) In the event there is polluted water (including, but not being limited to, flood water and harbor water) in an official plant, all edible products that have been contaminated by the water shall be condemned.

(b) After the polluted water has receded, all walls, ceilings, posts, and floors of the rooms and compartments involved, including the equipment therein, shall, under the supervision of an inspector, be cleansed thoroughly. An adequate supply of hot water, under pressure, is essential for effective cleansing. After cleansing, a solution of sodium hypochlorite containing approximately  $\frac{1}{2}$  of 1 percent of available chlorine (5,000 parts per million), or other disinfectant approved by the national supervisor, shall be applied; and all metal surfaces shall be rinsed thoroughly with water to prevent corrosion. Any such equipment that will afterwards be used in connection with any edible product shall be rinsed thoroughly with clean water before being used.

(c) Hermetically sealed containers of edible products which have been submerged in, or otherwise contaminated by, the polluted water shall be rehandled promptly under supervision of an inspector as follows:

(1) Such of the containers as are swollen or leaky or otherwise do not show the external characteristics of sound containers shall be segregated and the contents thereof condemned.

(2) Paper labels, if any, attached or affixed to the remaining containers shall be removed and the containers washed in warm soapy water; and, if necessary to remove rust and other foreign material, a brush shall be used.

(3) Thereafter, such containers shall be immersed in a solution of sodium hypochlorite containing not less than 100 parts per million of available chlorine, or other disinfectant approved specifically for this purpose by the national supervisor, and rinsed in clean fresh water and dried thoroughly. Any such containers which show extensive rusting or corrosion, such as might materially weaken the container, shall be opened under the supervision of an inspector. The edible products from such containers that are found by the inspector to be sound and wholesome shall be passed for human food.

(4) The remaining containers may be relacquered, if necessary, and then relabeled with approved labels applicable to the edible products therein.

(5) The identity of the canned edible products shall be maintained throughout all stages of the rehandling operation to insure correct labeling of the containers.

**§ 70.28 Preparation of animal food or similar uninspected articles in an official plant.** (a) When an article (including, but not being limited to, animal food) that will not be prepared for use as human food is prepared in any room or compartment in an official plant where edible products are prepared or handled (such room or compartments being herein referred to as "edible products department"), there shall be sufficient space allotted, and adequate equipment provided, so that the preparation of the article in no way interferes with the preparation or handling of the edible products. Where necessary, separate equipment shall be provided for the preparation of the article. To assure the maintenance of the requisite sanitary conditions in the edible products department, the operations incident to the preparation of the article shall be subject to the same sanitary requirements as apply to the edible products department. Preparation of the article shall be limited to those hours during which the official plant operates under the supervision of an inspector. The ingredients used in the preparation of the article shall, unless otherwise approved by the national supervisor, be such as may be used in the preparation of an edible product. The article may be stored in, and distributed from, the edible products department if the article is properly identified.

(b) When any article (including, but not being limited to, animal food) that will not be prepared for use as human food, is prepared in any part of an official plant other than an edible products department (such part of the plant being herein referred to as "inedible products department"), the area in which such article is prepared shall be distinctly separated from all edible products departments. Edible products and inedible products may be brought from any edible products department into any inedible products department, but no edible product or inedible product from an inedible products department may be brought into an edible products department except under such conditions as may be prescribed or approved by the national supervisor. Any such articles as are in sealed containers or are handled in the manner prescribed or approved by the national supervisor may be brought into an edible products department. Diseased carcasses or diseased parts of any carcass shall not be used in the preparation of any animal food. Trucks or containers used for the transportation of edible products or inedible products into an inedible products department shall be cleaned before being returned to or brought into an edible products department. Sufficient space shall be allotted and adequate equipment and facilities provided so that the preparation of the article does not interfere with the preparation of edible products in the plant or the maintenance of the requisite sanitary conditions in the official plant. The preparation of any article shall be subject to supervision by an inspector.

(c) The immediate container of any such article that is prepared in an official plant shall be conspicuously labeled so as to distinguish it from human food.



**§ 70.29 Appeal inspections; how made.** Any interested party may, if dissatisfied with any decision of an inspector relating to any inspection, file an appeal from such decision. Any such appeal from a decision of an inspector shall be made to his immediate superior having jurisdiction over the subject matter of the appeal. Review of such appeal findings, when requested, shall be made by the immediate superior of the employee of the Department making the appeal inspection.

**§ 70.30 Inspection certificates—(a) Forms of inspection certificates.** Each inspection certificate issued pursuant to the regulations in this part shall be approved by the Administrator as to form, and:

(1) Each dressed poultry inspection certificate shall show the class or classes of poultry, the quantity of product contained in the respective lot, and all pertinent information concerning the condition and wholesomeness thereof;

(2) Each food product inspection certificate shall show the names of the edible products covered by such certificate, the quantity of each such product, such shipping marks as are necessary to identify such products, and all pertinent information concerning the condition and wholesomeness thereof;

(3) Each export certificate shall show the respective names of the exporter and the consignee, the destination, the shipping marks, the numbers of the export stamps attached to the edible products to be exported and covered by the certificate, and the names of such products and the total net weight thereof.

(b) *Issuance and disposition of dressed poultry inspection certificates.* (1) Upon the request of an interested party, any inspector is authorized to issue a dressed poultry inspection certificate with respect to any lot of dressed poultry inspected by him. Each certificate shall be signed by the inspector who made the inspection covered by the certificate, and if more than one inspector participated in the inspection of the lot of poultry, each such inspector shall sign the certificate with respect to such lot.

(2) The original of each inspection certificate, issued pursuant to this section, and not to exceed three copies thereof, shall, immediately upon issuance, be delivered or mailed to the applicant or person designated by him. One copy shall be filed in the office of the regional supervisor serving the area in which the inspection was performed, and the remaining copies to be disposed of in such manner as the Administrator may approve. Additional copies of any such certificate may be furnished to any interested party as provided in § 70.18 (f).

(c) *Food product inspection certificates; issuance and disposition.* (1) Upon the request of an interested party, any inspector is authorized to issue a food product inspection certificate with respect to any inspected and certified edible product after suitable examination of the product has been made by the inspector.

(2) The original of each food product inspection certificate, and not to exceed two copies thereof, if requested, shall, immediately upon issuance, be delivered or mailed to the applicant or person designated by him. Another copy shall be filed in the office of the regional supervisor serving the area in which such certificate was issued, and one copy shall be forwarded to the Administrator. The last named two copies shall be retained until otherwise ordered by the Administrator.

(d) *Export certificates; issuance and disposition.* (1) Upon the request of an exporter, any inspector is authorized to issue an export certificate with respect to the shipment to any foreign country of any inspected and certified edible product after suitable examination of the product has been made by the inspector.

(2) Each export certificate shall be issued in quintuplicate; the original shall be delivered to the exporter who requested such certificate; and the duplicate copy shall be delivered to the agent of the railroad or other carrier transporting such products from the United States. The triplicate copy of such export certificate shall be forwarded to the Administrator; the quadruplicate copy shall be filed in the office of the regional supervisor serving the area in which such export certificate was issued; and the memorandum copy shall be retained by the inspector for filing. The last named three copies shall be retained until otherwise ordered by the Administrator.

(e) *Advance information.* Upon the request of an applicant, all or part of the contents of any inspection certificate issued to such applicant may be telephoned or telegraphed to him, or to any person designated by him, at his expense.

#### GRADING

**§ 70.31 General.** Grading service performed with respect to any quantity of products shall, as the case may require, be on the basis of an examination, pursuant to the regulations in this part, of each unit thereof or of each unit in the representative sample thereof drawn by a grader. Whenever the grading service is performed on a representative sample basis, such sample shall be drawn and consist of not less than the minimum number of containers as indicated in the following table:

| (Minimum number of containers comprising a representative sample) |                      |
|---|----------------------|
| Containers in lot:  | Containers in sample |
| 3 containers, or less.....  | ( <sup>1</sup> )     |
| 4 to 20, inclusive.....   | 3                    |
| 21 to 50, inclusive.....  | 5                    |
| 51 to 140, inclusive.....   | 7                    |
| In excess of 140 containers.....                                  | ( <sup>2</sup> )     |
| <sup>1</sup> All containers.                                      |                      |
| <sup>2</sup> Five percent of the number of containers in the lot. |                      |

**§ 70.32 Live poultry.** Grading service performed with respect to any quantity of live poultry shall, as the case may require, be on the basis of an exami-

nation, pursuant to regulations in this part, of each unit thereof or of each unit in the representative sample thereof drawn by a grader. Such poultry may be identified with official identification on a lot basis only.

**§ 70.33 Dressed poultry and ready-to-cook poultry—(a) In an official plant.** Grading service performed in an official plant with respect to dressed poultry or ready-to-cook poultry shall, as the case may require, be on the basis of each individual carcass or on a representative sample basis.

(1) Only such ready-to-cook poultry which has been inspected and certified pursuant to the regulations in this part or which has been inspected and passed by any other inspection system which is acceptable to the Administrator, may be graded.

(2) Only such ready-to-cook poultry which has been graded on an individual carcass basis may be individually identified with the appropriate grade mark, and any container of such ready-to-cook poultry may also be so identified. The grading of ready-to-cook poultry shall be performed prior to the disjointing or cutting up of the carcass.

(3) After June 30, 1953, only the bulk containers of dressed poultry may be identified with the appropriate grade mark even though the grading may have been performed on an individual carcass basis.

(b) *At terminal markets and other receiving points.* Grading service performed with respect to dressed poultry or ready-to-cook poultry at terminal markets or other receiving points may be on a representative sample basis. Only such dressed poultry which was processed in an official plant may be identified with a grade mark. Except as otherwise provided for in institutional contract specifications pursuant to § 70.4 (b), only ready-to-cook poultry which was inspected and certified and is marked with the inspection mark or in accordance with the provisions of § 70.12 (b) (2) may be graded. The grade mark shall not be applied to uninspected ready-to-cook poultry.

**§ 70.34 Basis of acceptability of other official inspection systems—(a) General.** Any poultry inspection system may be deemed to be acceptable to the Administrator which (1) is conducted under the authority of laws, ordinances, or similar enactments of the State, county, city, or other political subdivision in which is located the official plant at which the ready-to-cook poultry is prepared and submitted for grading service; and (2) imposes at least the requirements set forth in paragraph (b) of this section: *Provided*, That no such inspection system shall be deemed acceptable to the Administrator with respect to any official plant in which ready-to-cook poultry is prepared if he finds at any time that such requirements are not adequately enforced.

(b) *Requirements as to manner of inspection.* (1) The inspection shall be made by a State, county or city inspector who is a qualified veterinarian or under



the supervision of a qualified veterinarian. All such inspectors shall be employed by the State, county, city, or other political subdivision in which the official plant is located.

(2) The inspection shall include post-mortem examination of each poultry carcass during the evisceration operation.

(3) All carcasses which show evidence of disease or any other condition which may render them unwholesome or unfit for food shall be condemned and shall be destroyed for food purposes under the supervision of an inspector. Each carcass and part thereof which has been inspected and passed or containers of carcasses or parts thereof shall bear the identifying inspection symbol of the other official inspection system and the marking devices or labels shall be in the custody of the inspector at all times.

(c) *Determining compliance with paragraph (b) of this section.* A qualified veterinary supervisor of the poultry grading service of the Administration shall investigate the manner of operation of the inspection system to determine the adequacy of the post-mortem examination and the compliance with the requirements contained in this section prior to approving the official plant for the grading of ready-to-cook poultry. This supervisor as well as any official graders who may be stationed in the official plant shall periodically observe the inspection operations in the official plant to determine whether the requirements of this section are being met. If at any time the inspector fails to enforce the requirements as set forth in the inspection system, grading service may be withdrawn from the official plant.

§ 70.35 *Grading certificates—(a) Forms.* Grading certificates (including appeal grading certificates and regrading certificates) shall be issued on forms approved by the Administrator.

(b) *Issuance and disposition.* (1) Each grader shall issue a grading certificate covering each product graded.

(2) The original of each grading certificate, issued pursuant to this section, and not to exceed three of the copies thereof, shall, immediately upon issuance, be delivered or mailed to the applicant or person designated by him. One copy shall be filed in the office of grading which serves the area in which the grading service was performed, and the remaining copies shall be disposed of in such manner as the Administrator may approve. Additional copies of any such certificate may be furnished to any interested party as provided in § 70.18 (f).

(c) *Advance information.* Upon the request of an applicant, all or part of the contents of any grading certificate issued to such applicant may be telephoned or telegraphed to him, or to any person designated by him, at his expense.

§ 70.36 *Application for regrading of a graded product; regrading certificates—(a) Application for regrading of a graded product.* An application for a regrading of any previously graded product may be made at any time by any interested party, and such application shall clearly state the reasons for requesting the regrading. The provisions of the regulations relative to grading service shall apply to regrading service.

(b) *Regrading certificates.* Immediately after a regrading has been completed, a regrading certificate shall be issued showing the results of such regrading; and such certificate shall thereupon supersede, as of the time of issuance of the regrading certificate, the grading certificate previously issued for the product involved. Each regrading certificate shall clearly set forth the number and date of the grading certificate which it supersedes. The provisions of § 70.35 shall, whenever applicable, also apply to regrading certificates except that copies of such regrading certificates shall be furnished each interested party of record.

§ 70.37 *Appeal grading—(a) Application for appeal grading.* An application for an appeal grading may be made by any interested party who is dissatisfied with any determination stated in any grading or regrading certificate only if the identity of the product, or representative sample thereof, on the basis of which a determination was made has not been lost, and such application for the appeal grading is made within two days following the day on which the grading was performed. Upon approval by the Administrator, the time within which an application for an appeal grading may be made may be extended.

(b) *How to obtain appeal grading.* Appeal grading may be obtained by filing a request therefor (1) with the Administrator, (2) with the grader who issued the grading certificate with respect to which the appeal grading is requested, (3) with the immediate superior of such grader, or (4) with the officer in charge of any office of grading. The application for appeal grading shall clearly state the reasons therefor and may be accompanied by a copy of the aforesaid grading certificate or any other information the applicant may have secured regarding the product, at the time of grading, from which the appeal is requested. Such application may be made orally (in person or by telephone), in writing, or by telegraph. If made orally, written confirmation may be required.

(c) *Record of filing time.* A record showing the date and hour when each such application for appeal grading is received shall be maintained in such manner as the Administrator may prescribe.

(d) *When an application for an appeal grading may be refused.* Notwithstanding the provisions of paragraph (a) of this section, if it appears to the Administrator that the reasons for an

appeal grading are frivolous or not substantial, or that the quality or condition of the products has undergone a material change since the grading from which the appeal is made, or the identical products that were examined to ascertain the grade thereof cannot be made accessible for reexamination, or the act or regulations in this part have not been complied with, the Administrator may refuse the applicant's request for the appeal grading; and such applicant shall be promptly notified of the reason for such refusal.

(e) *When an application for appeal grading may be withdrawn.* An application for appeal grading may be withdrawn by the applicant at any time before the appeal grading is made upon payment, by the applicant, of all expenses incurred by the Administration in connection with such application.

(f) *Who shall perform the appeal grading.* An appeal grading of any graded product shall be made by any grader (other than the one from whose grading the appeal is made) designated for this purpose by the Administrator; and, whenever practicable, such appeal grading shall be conducted jointly by two such graders.

(g) *Appeal grading by immediate superior.* Notwithstanding the provisions of this section, whenever the immediate superior of a grader has evidence that such grader incorrectly graded a product, such superior shall immediately make a regrading of the product.

(h) *Order of performance of appeal gradings.* Appeal gradings shall be performed, insofar as practicable, in the order in which applications therefor are received; and any such application may be given precedence pursuant to § 70.6.

(i) *Appeal grading certificates.* Immediately after an appeal grading has been completed, an appeal grading certificate shall be issued showing the results of such appeal grading. Such certificate shall thereupon supersede the grading certificate for the product involved and such supersedure shall be effective as of the time of issuance of the grading certificate with respect to which the appeal is made. Each appeal grading certificate shall clearly set forth the number and the date of the grading certificate which it supersedes. The provisions of § 70.35 shall, whenever applicable, also apply to appeal grading certificates except that copies of such appeal grading certificates shall be furnished each interested party of record.

§ 70.38 *Superseded certificates.* Whenever any grading certificate is superseded in accordance with the regulations in this part such certificate shall become null and void as of the effective time of supersedure. If the original and all copies of such superseded certificate are not delivered to the person issuing the regrading certificate or appeal grading certificate, he shall notify such persons as he considers necessary to prevent fraudulent use of the superseded certificate.



## SANITARY REQUIREMENTS

§ 70.39. *Minimum standards for sanitation, facilities, and operating procedures, in official plants.* Except as otherwise provided in this part the provisions of this section shall apply with respect to grading service and inspection service in all official plants other than with respect to the grading of live poultry. The table set forth in this section indicates some of the types of material which may be used in the construction of equipment, utensils and facilities for use in the plant.

## BUILDINGS AND PLANT FACILITIES

(a) *The buildings shall be of sound construction and kept in good repair, and shall be of such construction as to prevent the entrance or harboring of vermin—*(1) *Outside openings.* (1) The doors, windows, skylights and other outside openings of the plant, except receiving rooms and feeding rooms shall be protected by properly fitted screens or other suitable devices, against the entrance of flies and other insects.

(11) Outside doors, except in receiving rooms and feeding rooms, shall be so hung that not over  $\frac{1}{4}$  inch clearance remains when closed. Screen doors shall open toward the outside of the building. Doors shall be provided with self-closing devices where necessary to prevent the entry of vermin into processing and storage rooms.

(b) *Rooms and compartments used for edible products shall be separate and distinct from inedible products departments and from rooms where live poultry is held or slaughtered. Separate rooms shall be provided when required for conducting processing operations in a sanitary manner, and all rooms shall be of sufficient size to permit the installation of the necessary equipment for processing operations and the conduct of such operations in a sanitary manner.*

(1) *The official plant should have separate rooms for each of the following operations depending upon the various types of operations conducted, but in no case shall the receiving of feeding of live poultry or killing operations be permitted in rooms in which eviscerating operations are performed.*

(i) The receiving and feeding of live poultry.

(ii) Killing, scalding, and roughing operations.

(iii) Pinning, finishing, and chilling and packing operations for dressed poultry.

(iv) Evisceration operations. Final pinning of dressed poultry and chilling and packaging of edible products may be performed in this room. Opening in walls for conveyor lines are permissible.

(v) Inedible products departments.

(vi) Refuse rooms. Separate refuse room, or other equally adequate facilities, shall be required in eviscerating plants and in other plants where accumulations of refuse occur.

(2) *Rooms and compartments in which carcasses or parts thereof are held for further inspection shall be in such numbers and such locations as the needs of the inspection in the plant may require. These rooms and compartments shall be equipped with locks and keys and the keys shall not leave the custody of the inspector in charge of the plant. All such rooms and compartments shall be marked conspicuously with the word "retained" in letters not less than 2 inches high.*

(3) *Coolers and freezers.* Coolers and freezers of adequate size and capacity shall be provided to reduce the internal temperature of dressed poultry and ready-to-cook poultry prepared and otherwise handled in the plant to 36° F within 24 hours unless other cooling facilities are available.

(4) *Refuse rooms.* Refuse rooms shall be entirely separate from other rooms in the plant, shall have tight fitting doors and be properly ventilated.

(5) *Storage and supply rooms.* The storage and supply rooms shall be in good repair, kept dry, and maintained in a sanitary condition.

(6) *Boiler room.* The boiler room shall be a separate room, if necessary, to prevent its being a source of dirt and objectionable odors entering any room where dressed poultry or edible products are prepared, processed, handled, and stored.

(7) *Inspector's office.* Furnished office space, including, but not being limited to, light, heat and janitor service shall be provided rent free in the official plant, for the exclusive use for official purposes of the inspector or grader and the Administration. The room or rooms set apart for this purpose must meet the approval of the regional supervisor and be conveniently located, properly ventilated and provided with lockers or cabinets suitable for the protection and storage of supplies and with facilities suitable for inspectors and graders to change clothing.

(8) *Toilet rooms opening directly into rooms where poultry products are exposed shall have self-closing doors and shall be ventilated to the outside of the building.*

(c) *The floors, walls, ceilings, partitions, posts, doors and other parts of all compartments shall be of such material, construction, and finish as will make them susceptible of being readily and thoroughly cleaned—*

(1) *Floors.* (1) All floors, except those in receiving rooms and feeding rooms and floors which are kept dry, shall be constructed of hardened concrete, or of tile laid closely together with impervious joint material, or of other similar impervious material and kept in good repair.

(11) The floors in killing, ice-cooling, ice-packing, and eviscerating rooms shall be graded to permit run-off with no standing water and in new construction and renovated plants the pitch shall be not less than  $\frac{1}{4}$  inch per foot to drains.

(111) In new construction the junction of the wall with the floor shall be covered on a radius of not less than 2 inches and the window ledges shall be set at an angle of approximately 45°, and all upper, horizontal surfaces shall be kept to a minimum.

(2) *Ceilings and walls.* (1) Ceilings and walls in rooms and compartments where exposed edible products are processed, handled or stored shall have tiled, enameled, or other smooth surface impervious to moisture.

(11) Cooler and freezer rooms shall have interior surfaces impervious to moisture so as to permit thorough cleaning.

(3) *Blood disposal.* (1) Adequate facilities shall be provided for the disposal of blood in a sanitary manner.

(11) When bleeding troughs are used they shall be long enough to catch the blood during the bleeding process and shall be cleaned daily. Such troughs shall be installed so as to pitch at least  $\frac{1}{2}$  inch per foot toward a smooth metal catch basin or basins, of sufficient capacity for a day's operation at peak production, or shall be flushed continuously.

(d) *There shall be an efficient draining and plumbing system for the plant and premises.*

(1) All drains and gutters shall be properly installed with approved traps and vents. The drainage and plumbing system must permit the quick run-off of all water from plant buildings, and surface water around the plant and on the premises; and all such water shall be disposed of in such a manner as to prevent a nuisance or health hazard.

(2) *Sewerage and plant wastes.* (1) The sewerage system shall have adequate slope and capacity to remove readily all waste from the various processing operations and to minimize, and if possible to prevent stoppage and surcharging of the system.

(11) Grease traps which are connected with the sewerage system shall be suitably located but not near any edible products department or in any area where products are unloaded from, or loaded into, vehicles. To facilitate cleaning such traps shall have inclined bottoms and be provided with suitable covers.

(111) In new construction, toilet soil lines shall be separate from house drainage lines to a point outside the buildings; and drainage from toilet bowls and urinals shall not be discharged into a grease catch basin.

(iv) All floor drains shall be equipped with traps, constructed so as to minimize clogging; and the plumbing shall be installed so as to prevent sewerage from backing up and from flooding the floor.

(v) Floor drainage lines should be of metal and at least 4 inches in diameter and open into main drains of at least 6 inches in diameter and shall be properly vented to the outside air.

(vi) In new construction, valley or gutter drains shall have concave bottoms or the junctions of the sides and the bottoms shall be coved.

(vii) Where refrigerators are equipped with drains, such drains should be properly trapped and should discharge through an air gap into the sewer system. All new installations, and all replacements, of refrigerators equipped with drains shall meet these requirements.

(e) *The water supply shall be ample, clean, and potable with adequate pressure and facilities for its distribution in the plant, and its protection against contamination and pollution.*

(1) Hot water at a temperature not less than 180° F shall be available for sanitation purposes.

(2) Hose connections with steam and water mixing valves or hot water hose connections shall be provided at convenient locations throughout the plant for cleaning purposes.

(3) The refuse rooms shall be provided with adequate facilities for washing refuse cans and other equipment in the rooms; and the rooms, cans, and equipment shall be cleaned after each day's use.

(f) *Modern lavatory accommodations, and properly located facilities for cleaning utensils and hands shall be provided.* (1) Adequate lavatory and toilet accommodations, including, but not being limited to, running hot water and cold water, soap, and towels, shall be provided. Such accommodations shall be in or near toilet and locker rooms and also at such other places in the plant as may be essential to the cleanliness of all personnel handling products.

(2) Sufficient metal containers shall be provided for used towels and other wastes.

(3) The water supply in all hand washing facilities serving areas where dressed poultry and edible products are prepared shall be operated by other than hand operated controls or shall be of a continuous-flow type.

(4) Durable signs shall be posted conspicuously in each toilet room and locker room directing employees to wash their hands before returning to work.

(5) Adequate toilet facilities shall be provided and the following formula shall serve as a basis for determining the adequacy of such facilities:

|  | Toilet bowls required |
|--|-----------------------|
| Persons of same sex:                           |                       |
| 1 to 15, inclusive                             | 1                     |
| 16 to 35, inclusive                            | 2                     |
| 36 to 55, inclusive                            | 3                     |
| 56 to 80, inclusive                            | 4                     |
| For each additional 30 persons in excess of 80 | 1                     |

1 Urinals may be substituted for toilet bowls but only to the extent of one-third of the total number of bowls stated.



(g) There shall be ample light, either natural or artificial or both, of good quality and well distributed, and sufficient ventilation for all rooms and compartments to insure sanitary conditions. (1) All rooms in which poultry is killed, eviscerated, or otherwise processed shall have at least 10 foot candles of light intensity on all working surfaces except that at the grading and inspection stations such light intensity shall be of 50 foot candles. In all other rooms there shall be provided at least 4 foot candles of light intensity when measured at a distance of 30 inches from the floor.

(2) All rooms shall be adequately ventilated to eliminate objectionable odors and minimize moisture condensation.

#### EQUIPMENT AND UTENSILS

(h) Equipment and utensils used for the preparation, processing, or otherwise handling any product in the plant shall be suitable for the purpose intended and shall be of such material and construction as will facilitate their thorough cleaning and insure cleanliness in the preparation and handling of products. (1) Insofar as it is practical, equipment and utensils shall be made of metal or other impervious material. Trucks and receptacles used for handling inedible products shall be of similar construction and shall be conspicuously and distinctly marked and shall not be used for handling any edible products.

(2) Batteries should be constructed entirely of metal and have metal dropping pans so as to permit proper and complete washing and cleaning. Batteries that are not made entirely of metal shall be replaced with metal batteries whenever replacement becomes necessary.

(3) Metal refuse containers with covers shall be provided; and such containers shall be kept covered.

(4) Scalding equipment. (1) Scalding equipment, tank or spray type, shall be made of metal and have smooth surfaces, and be of such construction as to permit proper and complete washing and cleaning.

(ii) The scalding tanks, when used, shall be so constructed as to prevent contamination of potable water lines and to permit water to enter continuously at the rate of  $\frac{1}{4}$  gallon per bird per minute and to flow out through an overflow.

(iii) The overflow outlets in scalding equipment shall be of sufficient size to permit feathers and water to be carried off.

(iv) The overflow, draw-off valves, and sediment basin drain shall discharge into a floor or valley drain, or onto the floor in close proximity to a floor or valley drain.

(5) Mechanical pickers. When necessary, safety guards shall be installed around moving machine parts of mechanical pickers, and such guards shall be of such construction as not to be difficult or laborious to remove or to keep clean. Sheet metal or metal grills fastened down with sufficient bolts and wing nuts are preferable.

(6) Wax finishing. (1) When wax dipping is used, metal troughs shall be provided to catch the wax removed from the dipped poultry. Acceptable facilities and methods shall be employed in reclaiming the wax.

(7) Ice chilling vats. (1) Chilling vats or tanks used for chilling dressed poultry should be, and all replacements thereof and all chilling vats or tanks used for chilling ready-to-cook poultry shall be, made of metal or other hard-surfaced impervious material.

(ii) Ice shovels shall be smooth surfaced and made of metal.

(8) Grading and packing bins. Where grading bins are used for poultry, they shall be of sufficient number and capacity to handle the grading adequately without the use of makeshift bins; and all dressed poultry shall be kept off the floor. Grading bins may

be made of metal or enameled wood and shall be constructed and maintained in such a manner as to allow easy and thorough cleaning. All replacements of such bins shall, however, be of metal.

(9) Except as otherwise provided herein, all equipment and utensils used in the killing, roughing, pinning, chilling and packing rooms shall be of metal or other impervious material and constructed so as to permit proper and complete cleaning.

(10) Conveyors. (1) Conveyors used in the preparation of ready-to-cook poultry shall be of metal or other acceptable material and of such construction as to permit thorough and ready cleaning and easy identification of viscera with its carcass, and so designed as will present each carcass or all parts thereof in a way that will permit adequate, and efficient inspection.

(ii) Overhead conveyors shall be so constructed and maintained that they will not allow grease, oil, or dirt to accumulate on the drop chain or shackle which shall be of non-corrosive metal.

(iii) Non-metallic belt-type conveyors used in moving edible products shall be of water-proof composition.

(iv) When individual trays or other acceptable equipment are not used during eviscerating operations, each carcass shall be suspended and a metal trough shall be provided beneath the conveyor to extend from the point where the carcass is opened to the point where the viscera has been completely removed, and such troughs shall be flushed continuously by a water spray.

(11) Inspection, eviscerating, and cutting tables shall be made of metal and have coved corners and be so constructed and placed to permit thorough cleaning.

(12) In plants where no conveyors are used, each carcass shall be eviscerated in an individual metal tray of seamless construction.

(13) Water spray washing equipment with sufficient water pressure to thoroughly and efficiently wash carcasses shall be used for washing carcasses inside and out.

(14) Watertight metal receptacles shall be used for entrails and other waste resulting from preparation of eviscerated poultry.

(15) Watertight trucks and receptacles for holding or handling diseased carcasses and diseased parts of carcasses shall be so constructed as to be readily and thoroughly cleaned; such trucks and receptacles shall be marked in a conspicuous manner with the word "condemned" in letters not less than 2 inches high and, when required by the inspector in charge, shall be equipped with facilities for locking and sealing.

(16) Freezing rooms should be adequately equipped to freeze ready-to-cook poultry solid in less than 60 hours. Freezing rooms shall be equipped with floor racks or pallets and fans to insure air circulation.

(17) Cooling racks should be made of metal and be readily accessible for thorough washing and cleaning. All replacements of cooling racks shall be made of metal.

(18) Trucks and receptacles in which carcasses or parts thereof are held for further inspection shall be in such numbers and in such locations as the needs of the inspection in the plant may require. They shall be equipped for locking by means of lock and key and the key shall not leave the custody of the inspector in charge of the plant. Such trucks and receptacles shall be marked conspicuously with the word "retained" in letters not less than 2 inches high.

(1) All equipment shall be so placed as to be readily accessible for all processing and cleaning operations. (1) Mechanical pickers. When used in the plant, mechanical pickers shall be so installed as to be accessible for thorough cleaning and removal of the accumulation of feathers.

(j) Equipment and utensils used in the official plant shall not be used outside the official plant except under such conditions as may be prescribed or approved by the national supervisor, and equipment used in the preparation of any article (including, but not being limited to, animal food), from inedible material shall not be used outside of the inedible products department except under such conditions as may be prescribed or approved by the national supervisor.

#### MAINTENANCE OF SANITARY CONDITIONS AND PRECAUTIONS AGAINST CONTAMINATION OF PRODUCTS

(k) The premises shall be kept free from refuse, waste materials, and all other sources of objectionable odors and conditions.

(1) Rooms, compartments, or other parts of the official plant in which products are handled and kept shall be kept clean and in sanitary condition. (1) All feathers, blood, offal, birds or parts of birds too severely damaged to be salvaged, and all discarded containers and other materials shall be completely disposed of daily.

(2) All windows, doors, and light fixtures in the official plant shall be kept clean.

(3) All docks and rooms shall be kept clean and free from debris and unused equipment and utensils.

(4) Live poultry receiving docks and receiving rooms shall be of such construction as readily to permit their thorough cleaning.

(5) Floors in feeding rooms shall be cleaned with such regularity as may be necessary to maintain them in a sanitary condition.

(6) The killing, roughing, and pinning room shall be kept clean and free from offensive odors at all times.

(7) The walls, floors, and all equipment and utensils used in the killing, roughing and pinning room shall be thoroughly cleaned after each day's operation.

(8) The floors in the killing, roughing, and pinning room shall be cleaned frequently during roughing and finishing operations and be kept reasonably free from accumulated blood, feathers, manure, water, and dirt.

(9) All equipment in the toilet and locker room, as well as the room itself, shall be kept clean, sanitary, and in good repair.

(10) Cooler and freezer rooms shall be free from objectionable odors of any kind and shall be maintained in a sanitary condition (including, but not being limited to, the prevention of drippings from refrigerating coils onto products).

(m) Equipment and utensils used for preparing or otherwise handling any product shall be kept clean and in a sanitary condition and in good repair. (1) Batteries and dropping pans shall be cleaned regularly and the manure removed from the plant daily.

(2) The feed mixer shall be cleaned daily.

(3) Scalding tanks shall be completely emptied and thoroughly cleaned as often as may be necessary but not less frequently than once a day.

(4) Ice shovels shall be kept clean, free of corrosion, and shall be stored off the floor.

(5) All equipment and utensils used in the killing, roughing, and pinning rooms shall be thoroughly washed and cleaned after each day's operation. The chilling and packing room and equipment and utensils used therein shall be maintained in a clean and sanitary condition.

(6) Graders' and packers' gloves and grading bins shall be washed daily and used only for grading or packing, as the case may be.

(7) Chilling vats or tanks shall be emptied and rinsed after each use. They shall be thoroughly cleaned once daily and after each cleaning operation they shall be sanitized with such compounds or by such methods as may be approved or prescribed by the Administrator.



(8) *Thawing.* When frozen poultry is to be defrosted in water, adequate facilities (tanks, vats, or racks) shall be provided, including continuously running tap water of sufficient volume for thawing such poultry. Such poultry shall not be thawed in still water and the thawing tanks shall be emptied and rinsed after each use. The tanks shall be thoroughly cleaned once daily and after each cleaning operation they shall be sanitized with such compounds or by such methods as may be prescribed or approved by the Administrator. If water is heated it shall not be heated above 70° F. Thawing tanks shall be equipped with properly installed overflow pipes to discharge over a floor drain or a valley drain. Where mechanical devices are not used for removing thawed carcasses from thawing tanks, the tanks shall be of a size as will enable employees to remove poultry without getting inside the tanks.

(9) When synchronized overhead conveyors and tray conveyors are used, the trays shall be completely washed and sanitized after being automatically emptied of inedible viscera.

(10) When a conveyor tray operation is used, such trays shall be of metal of seamless construction and shall be completely washed and sanitized after each use.

(11) Tables, shelves, bins, trays, pans, knives, and all other tools and equipment used in the preparation of ready-to-cook poultry shall be kept clean and sanitary at all times. Cleaned equipment and utensils shall be drained on racks and shall not be nested.

(12) Drums, cans, tanks, vats, and other receptacles used to hold or transport dressed poultry, or eviscerated poultry, shall be kept in a clean and sanitary condition.

(n) *Operations and procedures involving the preparation, storing, or handling of any product shall be strictly in accord with clean and sanitary methods.*

(1) There shall be no handling or storing of materials which create an objectionable condition in rooms, compartments, or other places in the plant where any product is prepared, stored, or otherwise handled.

(2) The pinning and finishing operations shall be performed in a part of the room that is away from the killing and roughing operations.

(3) Blood from the killing operation shall be confined to a relatively small area and kept from being splashed about the room.

(4) In finishing and cleaning dressed poultry, the carcass shall be singed, feed shall be removed from the crop, and the fecal material in the cloaca shall be removed by venting, and such operations shall be completed prior to or during the final washing but prior to chilling and packaging of such dressed poultry. Notwithstanding the foregoing, dressed poultry which is to be eviscerated in an official plant within 72 hours from time of slaughter may, when approved by the Administration, be transferred by conveyor or operational type container or other approved means to such official plant prior to removal of the feed in the crop.

(5) The head of each dressed poultry carcass shall be washed thoroughly to remove feed from the mouth and blood from the head and mouth.

(6) In the final washing, the carcass shall be passed through a system of sprays providing an abundant supply of fresh clean water either under pressure or scrubbing action.

(7) *Grading and packaging.* Dressed poultry may be graded and packaged in the killing, roughing, pinning, chilling, and packing room; however, such poultry shall be graded and packed in an area of the room which is well isolated from the killing and roughing operation.

(8) The floors in the eviscerating room shall be kept clean and reasonably dry during eviscerating operations and free of all refuse.

(9) Conveyors shall be operated at such speeds as will permit a sanitary eviscerating operation and will permit adequate inspection for condition and wholesomeness.

(10) Mechanized packaging equipment shall be maintained in good sanitary condition.

(11) All offal resulting from the eviscerating operation shall be removed as often as necessary to prevent the development of a nuisance.

(12) Paper and other material used for lining barrels or other containers in which products are packaged shall be of such kinds as do not tear readily during use, but remain intact when moistened by the product.

(13) Protective coverings shall be used for the product in the plant and as it is distributed from the plant, as will afford adequate protection for the product against contamination by any foreign substance (including, but not being limited to, dust, dirt, and insects), considering the means intended to be employed in transporting the product from the plant.

(14) Containers to be used for packaging dressed poultry and ready-to-cook poultry shall be clean, free from objectionable substances or odors and of sufficient strength and durability to adequately protect the product during normal distribution.

(15) Refuse may be moved directly to loading docks only for prompt removal.

(16) *Cleanliness and hygiene of personnel:*

(i) All employees coming in contact with dressed poultry, exposed edible products, or edible products handling equipment shall wear clean garments and shall keep their hands clean at all times while thus engaged.

(ii) Hands of employees handling dressed poultry or edible products or edible products handling equipment shall be free of infected cuts, boils, and open sores at all times while thus engaged.

(iii) Every person after each use of toilet or change of garments shall wash his hands thoroughly before returning to duties that require the handling of dressed poultry or edible products, or containers therefor, or edible products handling equipment.

(iv) Neither smoking nor chewing of tobacco shall be permitted in any room where exposed edible products are prepared, processed, or otherwise handled.

(c) *Temperatures and procedures which are necessary for cooling and freezing poultry shall be in accordance with sound operating practices which insure the prompt removal of the animal heat and as will maximize the preservation of the quality and condition of the poultry.* (1) All dressed poultry and ready-to-cook poultry that is prepared in the official plant shall be cooled immediately after processing. Such poultry shall be cooled to an internal temperature of 40° F. or less, within 24 hours from the time of slaughter. If such poultry is to be shipped from the plant in packaged form, the poultry shall be cooled to and maintained at a temperature of 40° F. or less prior to shipment from the plant. However, when approved by the Administration, poultry may be shipped from the plant prior to cooling to 40° F. or less, if such poultry is shipped to and placed in a freezer promptly.

(2) *Ice chilling.* (i) Only ice manufactured or produced from potable water may be used for ice chilling. The ice shall be handled and stored in a sanitary manner. If of block-type, the ice shall be washed by spraying with clean water before crushing. Metal ice crushers shall be washed at least once daily.

(ii) Enough clean crushed ice shall be used to maintain a temperature in vats or tanks under 40° F. at all times during chilling. Dressed poultry carcasses weighing less

than 8 pounds should be chilled to 40° F. or below in less than 4 hours whereas carcasses weighing more than 8 pounds should be chilled to 40° F. or below in less than 8 hours. In order to facilitate continuous processing operations dressed poultry may be held overnight in chilling tanks provided it is processed and packaged at the resumption of operations the following morning. If such poultry is to be held in chilling tanks for longer periods it shall be properly repacked with crushed ice in clean tanks which are continually drained and during this holding period the internal temperature of the dressed poultry shall be maintained at or below 40° F.

(3) *Air chilling.* In air chilling, dressed poultry shall be passed through a spray of clean water immediately following the removal of the feathers, and then hung on racks. Thereupon the racks of dressed poultry shall be placed in a refrigerated room with moderate air movements and a temperature which will reduce the internal temperature of the carcass to 40° F. or less, within 24 hours.

(4) *Freezing.* (1) When dressed poultry is packaged in bulk or shipping containers, the carcasses should be individually wrapped or packaged in water-vapor resistant cartons or the containers should be lined with heavy water-vapor resistant paper so as to assure adequate overlapping of the lining to completely surround the carcasses and to permit unsealed closure or sealing in such a manner that water-vapor loss from the product is considerably retarded or prevented. The dressed poultry should receive initial rapid freezing under such packaging, temperature, air circulation, and stacking conditions which will result in freezing the carcasses solid in less than 60 hours. Any carcass weighing less than 8 pounds should freeze solid in from 30 to 40 hours, whereas a carcass weighing more than 8 pounds should freeze solid in from 48 to 60 hours. (The approximate highest temperatures which will attain this result under average to most favorable conditions, are -10° F. with circulated air and -20° F. with still air; however, freezing temperatures of -20° F. to -40° F. are desirable.)

(ii) Frozen dressed poultry should be stored at 0° F. or below, with temperature maintained as constant as possible.

(5) Immediately after packaging, all dressed poultry and ready-to-cook poultry other than that which is ice-packed or shipped from the plant in a refrigerated carrier should be moved into the freezer. If such poultry is to be held in the plant for longer than 24 hours it should be held at not above 36° F.

(6) When poultry is packed in ice in barrels or other containers the barrels and containers shall be covered and shall have an adequate number of drain holes to permit water to drain out.

(7) The provisions of subparagraphs (2) and (4) of this paragraph shall be applicable to ready-to-cook poultry.

(p) *Every practicable precaution shall be taken to exclude flies, rats, mice, and other vermin from the official plant.* (1) Dogs, cats, and other pets shall be excluded from rooms where edible products and dressed poultry are processed, handled and stored.

(q) *No person affected with any communicable disease (including, but not being limited to, tuberculosis) in a transmissible stage shall be permitted in any room or compartment where exposed or unpacked dressed poultry or edible products are prepared, processed, or otherwise handled.*



(r) Table showing types of materials.

| Equipment, utensils, and facilities                               | Iron | Rubber | Concrete | Stainless steel and monel metal | Aluminum | Galvanized iron | Copper (tin plated) | Porcelain or glazed tile |
|---|------|--------|----------|---------------------------------|----------|-----------------|---------------------|--------------------------|
| Batteries   |      |        |          | A                               | A        | A               |                     |                          |
| Overhead conveyors  | A    |        |          | A                               | A        | A               |                     |                          |
| Conveyor track  | A    |        |          | A                               | A        | A               |                     |                          |
| Shackle chain   |      |        |          | A                               | A        | A               |                     |                          |
| Shackles  |      |        |          | A                               | A        | A               |                     |                          |
| Blood trough  | A    |        | A        | A                               | A        | A               |                     |                          |
| Scalding vat  | A    |        | A        | A                               | A        | A               |                     |                          |
| Mechanical pickers  | A    | A      |          | A                               | A        | A               |                     |                          |
| Mechanical scrubber   | A    | A      |          | A                               | A        | A               |                     |                          |
| Wax-dipping tank  | A    |        |          | A                               | A        | A               |                     |                          |
| Trough for catching wax   | A    |        |          | A                               | A        | A               |                     |                          |
| Water-spray cooling chamber                                       |      |        |          | A                               | A        | A               |                     |                          |
| Opening trough  |      |        |          | A                               | A        | A               |                     |                          |
| Eviscerating pans   |      |        |          | A                               | A        | A               |                     |                          |
| Inspection table (those parts which come in contact with product) |      |        |          | A                               | A        | A               |                     |                          |
| Eviscerating trough   |      |        |          | A                               | A        | A               |                     |                          |
| Framework (of equipment)  | A    |        |          | A                               | A        | A               |                     |                          |
| Inside and outside washer   |      | A      |          | A                               | A        | A               |                     | A                        |
| Gizzard, heart, and liver trimming tables                         |      |        |          | A                               | A        | A               |                     |                          |
| Defrosting trucks   |      |        |          | A                               | A        | A               |                     |                          |
| Defrosting tanks  |      |        | A        | A                               | A        | A               |                     | A                        |
| Cooling racks   |      |        |          | A                               | A        | A               |                     |                          |
| Tanks or vats and other equipment used for cooling products       |      |        | A        | A                               | A        | A               |                     |                          |
| Above-the-floor grease traps                                      |      |        |          | A                               | A        | A               |                     |                          |
| Utensils for handling edible products                             |      |        |          | A                               | A        | A               |                     |                          |
| Boning and cooling tables, cutting surfaces                       |      |        |          | A                               | A        | A               |                     |                          |
| Cooking kettles   | A    |        |          | A                               | A        | A               | A                   |                          |

§ 70.40 Authority of Administrator to amend minimum standards for sanitation, facilities, and operating procedures in official plants. The Administrator is authorized to amend the provisions in § 70.39; and such amended provisions shall be applicable to official plants.

#### SUBPART B—UNITED STATES CLASSES, STANDARDS, AND GRADES FOR POULTRY

§ 70.101 United States classes of live poultry, dressed poultry, and ready-to-cook poultry. The provisions of this section apply to live poultry, dressed poultry, and individual carcasses of ready-to-cook poultry, in determining the kind of poultry and its class. The kinds of poultry are as follows: Chickens, turkeys, ducks, geese, guineas, and pigeons.

(a) **Chickens.** For the purpose of this section, the following classes of chickens are specified:

(1) **Broiler or fryer.** A broiler or fryer is a young chicken (usually under 16 weeks of age), of either sex, that is tender-meated with soft, pliable, smooth-textured skin and flexible breastbone cartilage.

(2) **Roaster.** A roaster is a young chicken (usually under 8 months of age), of either sex, that is tender-meated with soft, pliable, smooth-textured skin and breastbone cartilage that is somewhat less flexible than that of a broiler or fryer.

(3) **Capon.** A capon is an unsexed male chicken (usually under 10 months of age) that is tender-meated with soft, pliable, smooth-textured skin.

(4) **Stag.** A stag is a male chicken (usually under 10 months of age) with coarse skin, somewhat toughened and darkened flesh, and considerable hardening of the breastbone cartilage. Stags show a condition of fleshing and a degree of maturity intermediate between that of a roaster and a cock or old rooster.

(5) **Hen or stewing chicken or fowl.** A hen or stewing chicken or fowl is a mature female chicken (usually more than 10 months old) with meat less tender than that of a roaster, and non-flexible breastbone.

(6) **Cock or old rooster.** A cock or old rooster is a mature male chicken with coarse skin, toughened and darkened meat, and hardened breastbone.

(b) **Turkeys.** For the purpose of this section, the following classes of turkeys are specified:

(1) **Fryer or roaster.** A fryer or roaster is a young immature turkey (usually under 16 weeks of age), of either sex, that is tender-meated with soft, pliable, smooth-textured skin, and flexible breastbone cartilage.

(2) **Young hen turkey.** A young hen turkey is a young female turkey (usually under 8 months of age) that is tender-meated with soft, pliable, smooth-textured skin, and breastbone cartilage that is somewhat less flexible than in a turkey fryer or roaster.

(3) **Young tom turkey.** A young tom turkey is a young male turkey (usually under 8 months of age), that is tender-meated with soft, pliable, smooth-textured skin and breastbone cartilage that is somewhat less flexible than in a turkey fryer or roaster.

(4) **Hen turkey.** A hen turkey is a fully matured female turkey (usually over 10 months of age) that is less tender-meated than a young hen turkey, has a hardened breastbone, and may have coarse-textured skin and patchy areas of surface fat.

(5) **Tom turkey.** A tom turkey is a mature male turkey (usually over 10 months of age) with coarse skin, toughened flesh, and hardened breastbone.

(c) **Ducks.** For the purpose of this section the following classes of ducks are specified:

(1) **Broiler duckling or fryer duckling.** A broiler duckling or fryer duckling is a young duck (usually under 8 weeks of age) of either sex, that is tender-meated and has a soft bill and soft windpipe.

(2) **Roaster duckling.** A roaster duckling is a young duck (usually under 16 weeks of age), of either sex, that is tender-meated and has a bill that is not completely hardened and a windpipe that is easily dented.

(3) **Mature duck or old duck.** A mature duck or an old duck is a duck (usually over 6 months of age), of either sex, with toughened flesh, hardened bill, and hardened windpipe.

(d) **Geese.** For the purpose of this section, the following classes of geese are specified:

(1) **Young goose.** A young goose may be of either sex, is tender-meated, and has a windpipe that is easily dented.

(2) **Mature goose or old goose.** A mature goose or old goose may be of either sex and has toughened flesh and hardened windpipe.

(e) **Guineas.** For the purpose of this section, the following classes of guineas are specified:

(1) **Young guinea.** A young guinea may be of either sex and is tender-meated.

(2) **Mature guinea or old guinea.** A mature guinea or an old guinea may be of either sex and has toughened flesh.

(f) **Pigeons.** For the purpose of this section, the following classes of pigeons are specified:

(1) **Squab.** A squab is a young, immature pigeon of either sex, and is extra tender-meated.

(2) **Pigeon.** A pigeon is a mature pigeon of either sex, with coarse skin and toughened flesh.

#### § 70.102 United States standards for quality of live poultry—(a) General.

(1) The United States standards for quality of individual live birds contained in this section are applicable only to poultry of the kinds and classes set forth in § 70.101.

(2) Birds showing evidence of any disease or other condition which may render them unwholesome or unfit for human food shall not be included in any of the quality designations specified in this section.

(3) The following factors are considered in ascertaining the quality of an individual bird: (i) Health and vigor; (ii) feathering; (iii) conformation; (iv) fleshing; (v) fat covering; and (vi) the degree of freedom from defects.

(b) **Standards of quality—(1) A Quality or No. 1 Quality.** To be of A Quality or No. 1 Quality the live bird:

(i) Is alert, has bright eyes, and is of good health and vigor.

(ii) Is well feathered, with feathers showing luster or sheen and quite thoroughly covering all parts of the body; however, there may be a slight scattering of pinfeathers.

(iii) Is of normal physical conformation except that it may have a slightly curved breastbone or other slight abnormality in the shape of the breastbone which does not interfere with the normal distribution of the flesh. The bird may also have a slightly curved back. There may be a dent in the breastbone which does not exceed  $\frac{1}{8}$  inch in depth except that for turkeys the depth does not exceed  $\frac{1}{4}$  inch.

(iv) Has a well developed, moderately broad and long breast that is well-fleshed throughout its entire length; and the thighs and back are well covered with flesh according to the age and sex of the bird.

(v) Has the breast, back, hips, and pin bones well covered with fat, except that



a fryer (whether chicken or turkey) and a young tom turkey may have only a moderate amount of fat covering these parts, and a hen, stewing chicken, or fowl does not have excessive abdominal fat.

(vi) Is free from tears and broken bones; however, it may have slight scratches, slight skin bruises, and slight callouses (i. e., slightly thickened, hardened, and darkened areas of skin over the breastbone), if these conditions do not materially affect the appearance of the bird, especially the breast. It may also have slightly scaly shanks.

(2) **B Quality or No. 2 Quality.** To be of B Quality or No. 2 Quality the live bird:

(i) Is of good health and vigor.  
(ii) Is fairly well feathered (i. e., some feathers may be lacking on some parts of the body); however, there may be a moderate number of pinfeathers.

(iii) Is of normal physical conformation except that it may have a slightly crooked breastbone which does not seriously interfere with the normal distribution of the flesh. It may also have a moderately crooked back and slightly misshapen legs and wings.

(iv) Is fairly well fleshed in relation to length and depth of body, with all parts fairly well covered with flesh according to the age and sex of the bird.

(v) Has sufficient coverage of fat on breast and legs to prevent a distinct appearance of the flesh through the skin; however, a hen, stewing chicken, or fowl may have excessive abdominal fat.

(vi) Is free from tears, broken bones, severe breast blisters, heavy callouses (i. e., thickened, hardened, and darkened areas of skin over the breastbone) and seriously scaly shanks; however, it may have moderate skin bruises and slight flesh bruises.

(3) **C Quality or No. 3 Quality.** A live bird that does not meet the requirements of B Quality or No. 2 Quality may be of C Quality or No. 3 Quality and such bird may:

(i) Be lacking in vigor.  
(ii) Have a large number of pinfeathers over all parts of its body and complete lack of plumage feathers on the back.  
(iii) Have definite deformities (including, but not being limited to, a crooked breastbone, hunchback, and slight crippling).

(iv) Have a poorly developed, narrow breast and thin covering of flesh over all parts of its body.

(v) Have only a small amount of fat in the feather tracts and is completely lacking in fat on back and thighs; and

(vi) Have skin bruises, small or moderate flesh bruises, and severe breast blisters; however, it has no broken bones.

The term "Reject" is not a standard of quality within the purview of this section; however, such term may be used with respect to an individual live bird to indicate that it is affected by, or shows evidence of, any disease or condition (including, but not being limited to, large flesh bruises, severe discolorations, severe injury, and emaciation) which may render the bird unfit for human food.

**§ 70.103 United States grades for live poultry—(a) General.** (1) The United States grades for live poultry contained in this section are applicable to live poultry of the kinds and classes set forth in § 70.101 and are based upon United States standards for quality as set forth in § 70.102.

(2) Birds showing evidence of any disease or other condition which may render them unwholesome or unfit for human food shall not be included in any of the grade designations specified in this section.

(3) All terms in the United States standards for quality, as set forth in § 70.102, shall, when used in this section, have the same meaning as when used in the standards.

(b) **Grades.**—(1)

**U. S. Grade A or U. S. No. 1.** Any lot of live poultry may be designated as U. S. Grade A or U. S. No. 1 if at least 90 percent, by count, of the birds are of A Quality or No. 1 Quality and the remainder are of B Quality or No. 2 Quality. When more than one container comprises the lot, no container shall have more birds of B Quality or No. 2 Quality than that specified in the following table:

[When lot consists of more than 1 container]

| Grade                        | Number of birds in container | Maximum number of B quality or No. 2 quality birds |
|------------------------------|------------------------------|--|
| U. S. Grade A or U. S. No. 1 | Less than 10                 | 1 bird   |
|                              | 10 to 15, inclusive          | 2 birds  |
|                              | 16 to 20, inclusive          | 3 birds  |
|                              | 21 to 25, inclusive          | 4 birds  |
|                              | 26 or more                   | 5 birds  |

(2) **U. S. Grade B or U. S. No. 2.** Any lot of live poultry may be designated as U. S. Grade B or U. S. No. 2 if at least 90 percent, by count, of the birds are of B Quality or No. 2 Quality, or better, and the remainder are of C Quality, or No. 3 Quality. When more than one container comprises the lot, no container shall have more birds of C Quality or No. 3 Quality than that specified in the following table:

[When lot consists of more than 1 container]

| Grade                        | Number of birds in container | Maximum number of C quality or No. 3 quality birds |
|------------------------------|------------------------------|--|
| U. S. Grade B or U. S. No. 2 | Less than 10                 | 1 bird   |
|                              | 10 to 15, inclusive          | 2 birds  |
|                              | 16 to 20, inclusive          | 3 birds  |
|                              | 21 to 25, inclusive          | 4 birds  |
|                              | 26 or more                   | 5 birds  |

(3) **U. S. Grade C or U. S. No. 3.** Any lot of live poultry may be designated as U. S. Grade C or U. S. No. 3 if it consists of birds of not less than C Quality or No. 3 Quality.

The term "No Grade" is not a grade within the meaning of this section. Such term may be applied to any lot of live poultry if such lot contains any birds of less than C Quality or No. 3 Quality or has not been graded in accordance with this section.

**§ 70.104 United States standards for quality of dressed poultry and ready-to-cook poultry—(a) General.** (1) The United States standards for quality contained in this section are applicable to individual carcasses of dressed poultry and ready-to-cook poultry of the kinds and classes set forth in § 70.101.

(2) Carcasses found to be unsound, unwholesome, or unfit for food shall not be included in any of the quality designations specified in this section. If the carcass is dressed poultry, determination of unsoundness or unwholesomeness will be based on external characteristics only.

(3) The quality designations specified in this section may not be made applicable to dressed poultry that is not free from the following conditions: Dirty head; bloody head; dirty carcass; bloody carcass; dirty vent; dirty feet; fan feathers on the wing tips; garter feathers around the hock joints; neck feathers; and, if the crop is not removed, feed in the crop.

(4) The A Quality designation may not be made applicable to any poultry carcass if the poultry was wet picked in such a manner that the skin has been damaged by extended immersion in, or high temperature of, the water which resulted in immediate discoloration or may result in later objectionable discoloration.

(5) The following factors are considered in ascertaining, pursuant to this section, the quality of an individual carcass: (i) Conformation; (ii) fleshing; (iii) fat covering; (iv) the degree of freedom from pinfeathers and vestigial feathers (i. e., hair or down, as the case may be); (v) the degree of freedom from tears, cuts (including, but not being limited to, any cut for the removal of the crop), disjointed bones, and broken bones; (vi) the degree of freedom from discolorations of the skin and of the flesh and of blemishes and bruises of the skin and flesh; and (vii) the degree of freedom from freezer burn.

(6) In interpreting the respective requirements specified in this section for A quality, B quality, and C quality, the intensity, aggregate area involved and locations of (i) discolorations (whether or not caused by dressing operations), (ii) bruises, (iii) pinfeathers, and (iv) freezer burn, as such defects individually, or in combination, detract from the general appearance of the carcass, will be considered in determining the particular quality of an individual carcass.

(b) **Standards of quality—(1) A Quality.** To be of A Quality the carcass:

(i) Is of normal physical conformation except that it may have a slightly curved breastbone or other slight abnormality in the shape of the breastbone which does not interfere with the normal distribution of the flesh. The carcass may also have a very slightly curved back. There may be a dent in the breastbone which does not exceed  $\frac{1}{8}$  inch in depth except that for turkeys the depth does not exceed  $\frac{1}{4}$  inch.

(ii) Has a well-developed, moderately broad and long breast, well-fleshed



throughout its entire length, with the flesh carrying sufficiently well up to the crest of the breastbone so that the breastbone is not prominent; and, with respect to young tom turkeys, there may be a slight thickening and slight pouchiness of the skin on the forepart of the breast. The legs are well covered with flesh.

(iii) Has the breast, back, hips, and pin bones well covered with fat except that chicken broilers or fryers, and young tom turkeys may have only a moderate amount of fat covering these parts, a turkey fryer or roaster may be somewhat lacking in fat covering, and a hen, stewing chicken, or fowl does not have excessive abdominal fat.

(iv) Is practically free from pinfeathers and vestigial feathers, especially on the breast, if the carcass is dressed poultry. If the carcass is ready-to-cook poultry, it is free from protruding pinfeathers, practically free from nonprotruding pinfeathers and vestigial feathers, especially on the breast.

(v) Is free from skin tears and cuts on the breast and legs; however, elsewhere on the carcass there may be tears and cuts (exclusive of the cuts usually made to remove the neck and viscera in the production of eviscerated poultry) the aggregate length of which does not exceed  $1\frac{1}{2}$  inches except that, with respect to any turkey carcass or goose carcass, such aggregate length does not exceed 3 inches. There are no sewn tears or cuts. The carcass has no disjointed bones or broken bones except that it may have one disjointed bone in either a leg or wing but only if there is no evidence of a related bruise or blood clot; and, if the carcass is of a chicken broiler or fryer, it may have one nonprotruding broken bone in a wing in addition to such disjointed bone but only if there is no evidence of a related bruise or blood clot. The wing tips may have been removed.

(vi) Is free from bruises and discolorations of the flesh on the breast and legs; however, elsewhere on the carcass there may be bruises and discolorations of the flesh showing not more than a slightly reddened color the aggregate area of which does not exceed the area of a circle  $\frac{1}{2}$  inch in diameter, except that, with respect to any turkey or goose carcass, such aggregate area does not exceed the area of a circle 1 inch in diameter. The carcass is free from skin bruises; on the breast and legs, the aggregate area of which exceeds the area of a circle  $\frac{1}{2}$  inch in diameter, and from skin bruises, elsewhere on the carcass, the aggregate area of which exceeds the area of a circle  $\frac{3}{4}$  inch in diameter. With respect to any turkey or goose carcass, such aggregate area on the breast and legs does not exceed the area of a circle  $\frac{3}{4}$  inch in diameter; and elsewhere on the carcass such aggregate area does not exceed the area of a circle  $1\frac{1}{2}$  inches in diameter. Notwithstanding the foregoing, the total aggregate area, on the breast and legs, of all such

flesh bruises, skin bruises, and all other discolorations and blemishes of the skin, is not in excess of the area of a circle 1 inch in diameter; and elsewhere on the carcass such total aggregate area is not in excess of the area of a circle  $1\frac{1}{2}$  inches in diameter. Furthermore, with respect to any turkey or goose carcass, such total aggregate area on the breast and legs is not in excess of the area of a circle 2 inches in diameter; and elsewhere on the carcass such total aggregate area is not in excess of the area of a circle 3 inches in diameter. The skin may show only slight reddening in the feather follicles on the neck, near the head, and on the wings because of improper bleeding.

(vii) Shows only slight freezer burn, or evidence thereof (i. e., a few pockmarks, or evidence thereof, none of which exceeds the area of a circle  $\frac{1}{8}$  inch in diameter).

(2) *B Quality.* To be of B Quality the carcass:

(i) Is of at least practically normal physical conformation except that it may have a dented, curved, and slightly crooked breastbone which does not seriously interfere with the normal distribution of flesh. The carcass may also have a moderately crooked back or misshapen legs or misshapen wings.

(ii) Is sufficiently well-fleshed on the breast and legs so as to prevent a thin appearance and a prominent breastbone; however, a young tom turkey may have a pouchy, thick, and somewhat flabby skin on the forepart of the breast.

(iii) Has a sufficient coverage of fat on the breast and legs to prevent a distinct appearance of the flesh through the skin.

(iv) Has not more than a slight scattering of pinfeathers and vestigial feathers over the entire carcass with only relatively few on the breast, if the carcass is dressed poultry. If the carcass is ready-to-cook poultry, it is free from protruding pinfeathers, but may have not more than a few scattered nonprotruding pinfeathers and vestigial feathers.

(v) Is free from tears and cuts, on the breast and legs, the aggregate length of which exceeds  $1\frac{1}{2}$  inches; however, elsewhere on the carcass there may be tears and cuts (exclusive of the cuts usually made to remove the neck and viscera in the production of eviscerated poultry), the aggregate length of which does not exceed 3 inches except that, with respect to any turkey or goose carcass, such aggregate lengths do not exceed 3 inches on the breast and legs and 6 inches elsewhere on the carcass. There are no sewn tears or cuts. The carcass may have not more than a total of 2 disjointed bones in either the legs or wings, or both, but only if there is no evidence of a related bruise or blood clot, and, in addition, 1 broken bone in a leg or wing, but only if it is nonprotruding and does not show an excessive related bruise or blood clot. The wing tips may have been removed.

(vi) Is free from bruises and discolorations, of the flesh on the breast and legs, showing not more than a slightly darkened color and which in the aggregate is in excess of the area of a circle  $\frac{1}{2}$  inch in diameter; however, elsewhere on the carcass there may be bruises and discolorations of the flesh the aggregate area of which does not exceed the area of a circle  $1\frac{1}{2}$  inches in diameter, except that, with respect to any turkey or goose carcass, such aggregate area on the breast and legs does not exceed the area of a circle 1 inch in diameter, and, elsewhere on the carcass, it does not exceed the area of a circle 3 inches in diameter. The carcass is free from skin bruises, on the breast and legs, the aggregate area of which exceeds the area of a circle  $\frac{3}{4}$  inch in diameter, and from skin bruises, elsewhere on the carcass, the aggregate area of which exceeds the area of a circle  $1\frac{1}{2}$  inches in diameter. With respect to any turkey or goose carcass, such aggregate area on the breast and legs does not exceed the area of a circle  $1\frac{1}{2}$  inches in diameter, and, elsewhere on the carcass, such aggregate area does not exceed the area of a circle 3 inches in diameter. Notwithstanding the foregoing, the total aggregate area on the breast and legs of all such flesh bruises, skin bruises, and all other discolorations and blemishes of the skin is not in excess of the area of a circle  $1\frac{1}{2}$  inches in diameter; and elsewhere on the carcass such total aggregate area is not in excess of the area of a circle 3 inches in diameter. Furthermore, with respect to any turkey or goose carcass, such total aggregate area on the breast and legs is not in excess of the area of a circle 3 inches in diameter; and elsewhere on the carcass such total aggregate area is not in excess of the area of a circle 6 inches in diameter. The skin may show not more than moderate reddening in the feather follicles on the neck, near the head, and on the wings and thighs because of improper bleeding.

(vii) Shows no more than moderate freezer burn, or evidence thereof, on any part of the carcass and no dried area in excess of the area of a circle  $\frac{1}{2}$  inch in diameter.

(3) *C Quality.* A carcass that does not meet the requirements of B Quality may be of C Quality and such carcass may:

(i) Be of abnormal physical conformation (i. e., possess serious abnormal physical conditions, including, but not being limited to, a crooked breastbone) if it is fairly well-fleshed.

(ii) Be poorly fleshed and a young tom turkey may have a thick, coarse skin and extended breast that is pouchy or flabby.

(iii) Be lacking in fat covering, over all parts of the carcass.

(iv) Have numerous pinfeathers and vestigial feathers scattered over the entire carcass, if the carcass is dressed poultry; if ready-to-cook poultry, the carcass is free from protruding pinfeathers but may have a few vestigial feathers and may have nonprotruding pinfeathers that do not seriously detract from the appearance of the carcass.



(v) Have torn skin, disjointed bones, and broken bones but only if there is no evidence of a related severe bruise or blood clot. There are no sewn tears or cuts. Wing tips may have been removed.

(vi) Have numerous and large discolored areas or blemishes of the skin which may be accompanied by some reddening and darkening of the flesh beneath, if such discolored areas and blemishes do not render any part of the carcass unfit for food.

(vii) Show more than moderate freezer burn or evidence thereof (including, but not being limited to, numerous pockmarks or large dried areas) on any part of the carcass.

§ 70.105 *United States grades for dressed poultry and ready-to-cook poultry*—(a) *General*. (1) The United States grades for dressed poultry and ready-to-cook poultry are applicable to dressed poultry and ready-to-cook poultry of the kinds and classes set forth in § 70.101 when individual carcasses are not separately identified and are based upon the United States standards for quality set forth in § 70.104 except the provisions in paragraph (a) (3) of that section.

(2) When any lot of dressed poultry is graded on the basis of an examination of each carcass in a representative sample thereof, any carcass that would be of A Quality, if it did not possess any of the following conditions shall, for the purpose of this section, be considered as being of B Quality: Dirty or bloody head or carcass, dirty feet or vent, fan feathers, or neck feathers or garter feathers, or feed in the crop. Any carcass that would be of B Quality or C Quality if it did not possess any of the foregoing conditions shall, for the purpose of this section, be considered as being of C Quality.

(3) All terms in the United States standards for quality set forth in § 70.104 shall, when used in this section, have the same meaning as when used in the standards.

(4) The suggested weight specifications for dressed poultry and ready-to-cook poultry contained in paragraph (c) of this section are not incorporated in the grades for dressed poultry and ready-to-cook poultry since weight, as such, is not a factor of grade for the purpose of this section. It is recommended, however, that each container of dressed poultry and ready-to-cook poultry contain carcasses of the weights specified in paragraph (c) of this section.

(b) *Grades*—(1)

*U. S. Grade A*. Any lot of dressed poultry or ready-to-cook poultry composed of one or more containers of carcasses of the same kind and class may be designated as U. S. Grade A if not less than 90 percent, by count, of the carcasses in such lot are of A Quality, the remainder is of B Quality, and no individual container in such lot contains more carcasses of B Quality than in the proportion of 2 to each 12 carcasses in the container.

(2) *U. S. Grade B*. Any lot of dressed poultry or ready-to-cook poultry composed of one or more containers of carcasses of the same kind and class may be designated as U. S. Grade B if not less than 90 percent, by count, of the carcasses in such lot are of at least B Quality, the remainder is of C Quality, and no individual container in such lot contains more carcasses of C Quality than in the proportion of 2 to each 12 carcasses in the container.

(3) *U. S. Grade C*. Any lot of dressed poultry or ready-to-cook poultry may be designated as U. S. Grade C if it consists of carcasses of not less than C Quality.

(c) *Suggested weight specifications for dressed poultry and ready-to-cook poultry*. The suggested weight specifications for dressed poultry and ready-to-cook poultry are contained in Tables I, II, III, and IV in this paragraph.

DRESSED POULTRY

TABLE I—CHICKENS

| Class of chickens                | Weight range per carcass |                   | Weight range per dozen carcasses |            |
|----------------------------------|--------------------------|-------------------|----------------------------------|------------|
|                                  | Minimum                  | Maximum           | Minimum                          | Maximum    |
| Broilers or fryers               | None                     | 1 pound 8 ounces  | None                             | 18 pounds  |
|                                  | Over 1 pound 8 ounces    | 2 pounds          | Over 18 pounds                   | 24 pounds  |
|                                  | Over 2 pounds            | 2 pounds 8 ounces | Over 24 pounds                   | 30 pounds  |
|                                  | Over 2 pounds 8 ounces   | 3 pounds          | Over 30 pounds                   | 36 pounds  |
|                                  | Over 3 pounds            | 3 pounds 8 ounces | Over 36 pounds                   | 42 pounds  |
| Roasters                         | Over 3 pounds 8 ounces   | 4 pounds          | Over 42 pounds                   | 48 pounds  |
|                                  | Over 3 pounds            | 3 pounds 8 ounces | Over 36 pounds                   | 42 pounds  |
|                                  | Over 3 pounds 8 ounces   | 4 pounds          | Over 42 pounds                   | 48 pounds  |
|                                  | Over 4 pounds            | 4 pounds 8 ounces | Over 48 pounds                   | 54 pounds  |
|                                  | Over 4 pounds 8 ounces   | 5 pounds          | Over 54 pounds                   | 60 pounds  |
| Capon                            | Over 5 pounds            | 5 pounds 8 ounces | Over 60 pounds                   | 66 pounds  |
|                                  | Over 5 pounds 8 ounces   | None              | Over 66 pounds                   | None       |
|                                  | None                     | 6 pounds          | None                             | 72 pounds  |
|                                  | Over 6 pounds            | 7 pounds          | Over 72 pounds                   | 84 pounds  |
|                                  | Over 7 pounds            | 8 pounds          | Over 84 pounds                   | 96 pounds  |
| Stags                            | Over 8 pounds            | 9 pounds          | Over 96 pounds                   | 108 pounds |
|                                  | Over 9 pounds            | 10 pounds         | Over 108 pounds                  | 120 pounds |
|                                  | Over 10 pounds           | None              | Over 120 pounds                  | None       |
|                                  | None                     | 3 pounds          | None                             | 36 pounds  |
|                                  | Over 3 pounds            | 4 pounds          | Over 36 pounds                   | 48 pounds  |
| Cocks                            | Over 4 pounds            | 5 pounds          | Over 48 pounds                   | 60 pounds  |
|                                  | Over 5 pounds            | 6 pounds          | Over 60 pounds                   | 72 pounds  |
|                                  | Over 6 pounds            | None              | Over 72 pounds                   | None       |
|                                  | None                     | 4 pounds          | None                             | 48 pounds  |
|                                  | Over 4 pounds            | 5 pounds          | Over 48 pounds                   | 60 pounds  |
| Hens or stewing chickens or fowl | Over 5 pounds            | 6 pounds          | Over 60 pounds                   | 72 pounds  |
|                                  | Over 6 pounds            | None              | Over 72 pounds                   | None       |
|                                  | None                     | 3 pounds          | None                             | 36 pounds  |
|                                  | Over 3 pounds            | 3 pounds 8 ounces | Over 36 pounds                   | 42 pounds  |
|                                  | Over 3 pounds 8 ounces   | 4 pounds          | Over 42 pounds                   | 48 pounds  |

TABLE II—TURKEYS

| Class                                  | Weight range per carcass |           |
|--|--------------------------|-----------|
|  | Minimum                  | Maximum   |
| Turkey fryers or roasters              | None                     | 6 pounds  |
|  | Over 6 pounds            | 8 pounds  |
|  | Over 8 pounds            | 10 pounds |
|  | None                     | 6 pounds  |
|  | Over 6 pounds            | 8 pounds  |
| Young hen turkeys or young tom turkeys | Over 8 pounds            | 10 pounds |
|  | Over 10 pounds           | 12 pounds |
|  | Over 12 pounds           | 14 pounds |
|  | Over 14 pounds           | 16 pounds |
|  | Over 16 pounds           | 18 pounds |
| Hen turkeys or tom turkeys             | Over 18 pounds           | 20 pounds |
|  | Over 20 pounds           | 22 pounds |
|  | Over 22 pounds           | 24 pounds |
|  | Over 24 pounds           | None      |
|  | None                     | 10 pounds |

TABLE III—DUCKS, GEESE, GUINEAS, SQUABS, AND PIGEONS

| Kind and class        | Weight range per carcass |                   | Weight range per dozen carcasses |                    |
|-----------------------|--------------------------|-------------------|----------------------------------|--------------------|
|                       | Minimum                  | Maximum           | Minimum                          | Maximum            |
| Ducks (all classes)   | None                     | 4 pounds          | None                             | 48 pounds          |
|                       | Over 4 pounds            | 5 pounds          | Over 48 pounds                   | 60 pounds          |
|                       | Over 5 pounds            | None              | Over 60 pounds                   | None               |
| Geese (all classes)   | None                     | 8 pounds          | None                             | 96 pounds          |
|                       | Over 8 pounds            | 10 pounds         | Over 96 pounds                   | 120 pounds         |
|                       | Over 10 pounds           | None              | Over 120 pounds                  | None               |
| Guineas (all classes) | None                     | 1 pound 8 ounces  | None                             | 18 pounds          |
|                       | Over 1 pound 8 ounces    | 2 pounds 4 ounces | Over 18 pounds                   | 27 pounds          |
|                       | Over 2 pounds 4 ounces   | None              | Over 27 pounds                   | None               |
| Squabs and pigeons    | None                     | 8 ounces          | None                             | 8 pounds           |
|                       | Over 8 ounces            | 11 ounces         | Over 8 pounds                    | 8 pounds 6 ounces  |
|                       | Over 11 ounces           | 14 ounces         | Over 8 pounds 6 ounces           | 10 pounds 8 ounces |



TABLE IV—READY-TO-COOK POULTRY

| Kinds and classes                | Weight range per carcass |                    |
|----------------------------------|--------------------------|--------------------|
|                                  | Minimum                  | Maximum            |
| Broilers or fryers               | None                     | 1 pound 8 ounces.  |
|                                  | Over 1 pound 8 ounces    | 2 pounds.          |
|                                  | Over 2 pounds            | 2 pounds 8 ounces  |
|                                  | Over 2 pounds 8 ounces   | 3 pounds.          |
|                                  | Over 3 pounds            | 3 pounds 8 ounces  |
| Roasters                         | Over 2 pounds 8 ounces   | 3 pounds.          |
|                                  | Over 3 pounds            | 3 pounds 8 ounces  |
|                                  | Over 3 pounds 8 ounces   | 4 pounds.          |
|                                  | Over 4 pounds            | 4 pounds 8 ounces. |
|                                  | Over 4 pounds 8 ounces   | 5 pounds.          |
| Hens or stewing chickens or fowl | Over 5 pounds            | None.              |
|                                  | None                     | 2 pounds.          |
|                                  | Over 2 pounds            | 2 pounds 8 ounces. |
|                                  | Over 2 pounds 8 ounces   | 3 pounds.          |
|                                  | Over 3 pounds            | 3 pounds 8 ounces. |
| Cocks or old roasters            | Over 3 pounds 8 ounces   | 4 pounds.          |
|                                  | Over 4 pounds            | 4 pounds 8 ounces. |
|                                  | Over 4 pounds 8 ounces   | 5 pounds.          |
|                                  | Over 5 pounds            | 5 pounds 8 ounces  |
|                                  | Over 5 pounds 8 ounces   | None.              |
| Turkeys and geese (all classes)  | None                     | 2 pounds 8 ounces  |
|                                  | Over 2 pounds 8 ounces   | 3 pounds 8 ounces  |
|                                  | Over 3 pounds 8 ounces   | 4 pounds 8 ounces  |
|                                  | Over 4 pounds 8 ounces   | 5 pounds 8 ounces  |
|                                  | Over 5 pounds 8 ounces   | None.              |
|                                  | None                     | 4 pounds.          |
|                                  | Over 4 pounds            | 6 pounds.          |
|                                  | Over 6 pounds            | 8 pounds.          |
|                                  | Over 8 pounds            | 10 pounds          |
|                                  | Over 10 pounds           | 12 pounds.         |
| Ducks (all classes)              | Over 12 pounds           | 14 pounds          |
|                                  | Over 14 pounds           | 16 pounds.         |
|                                  | Over 16 pounds           | 18 pounds.         |
|                                  | Over 18 pounds           | 20 pounds.         |
|                                  | Over 20 pounds           | None.              |
|                                  | None                     | 3 pounds.          |
| Guineas (all classes)            | Over 3 pounds            | 3 pounds 8 ounces. |
|                                  | Over 3 pounds 8 ounces   | 4 pounds.          |
|                                  | Over 4 pounds            | None.              |
|                                  | None                     | 12 ounces.         |
| Pigeons (all classes)            | Over 12 ounces           | 1 pound.           |
|                                  | Over 1 pound             | 1 pound 4 ounces.  |
|                                  | Over 1 pound 4 ounces    | 1 pound 8 ounces.  |
|                                  | Over 1 pound 8 ounces    | None.              |
|                                  | None                     | 6 ounces.          |

for ready-to-cook poultry may be used only when the product is identified as having been inspected by Federal inspectors or by inspectors of any other inspection system acceptable to the Administrator. The grade mark illustrated in Figure 1 of this section may, until July 1, 1953, be used to officially identify graded dressed poultry; *Provided*, That the word "dressed" is used in lieu of the words "ready-to-cook" and the other applicable information required in this paragraph is contained within the grade mark.

Example of Grade Mark for Ready-to-Cook Poultry



FIGURE 1.

(b) *Form of inspection mark.* The inspection mark approved for use on inspected and certified edible products shall be contained within a circle and contain the following wording: "Inspected for Wholesomeness by U. S. Department of Agriculture." The form and arrangement of such wording shall be as indicated in the example in Figure 2 hereof. In addition, the plant number of the official plant shall be set forth if it does not appear on the packaging material.

Example



FIGURE 2.

## SUBPART C—FORMS AND INSTRUCTIONS

Notice is hereby given of the authorized forms, designs and wording which are approved to be used as official identification with respect to graded products and inspected and certified products, pursuant to § 70.11 *Identifying and marking products* of the rules governing the grading and inspection of poultry and edible products thereof (7 CFR Part 70; 16 F. R. 5210) which were issued pursuant to the Agricultural Marketing Act of 1946 (60 Stat. 1087; 7 U. S. C. 1621 et seq.) and the Department of Agriculture Appropriation Act, 1951 (Pub. Law 759, 81st Cong., approved September 6, 1950).

In order that interested persons may know in advance the authorized forms, designs, and wording of the official identification which will be approved for use in connection with graded products and inspected and certified products, it has been deemed advisable to set forth herein the examples of the various grade marks and inspection marks which are satisfactory to the Administration.

§ 70.201 *Forms of official identification.* Subject to the requirements in § 70.11 *Identifying and marking products* of the rules governing the grading and inspection of poultry, and edible products thereof:

(a) *Form of grade mark.* The grade mark approved for use, pursuant to § 70.11 (b), on a graded product shall be contained within a shield of the form and design indicated in the example in Figure 1 of this section. The information (including the form and arrangement of its wording) which is required in such mark shall be: (1) The class of the product or whether the product is "young," or "mature" (or "old"); (2) the phrase "ready-to-cook"; (3) its U. S. grade, and (4) one of the following phrases: "Federal-State graded," "Government graded," or any other similar phrase which may be approved by the Administrator. In addition, the plant number of the official plant shall be set forth if it does not appear on the packaging material. Such other material as the Administrator may approve may also be included within such shield. However, the grade mark